INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
We make Indiana a cleaner, healthier place to live.

Frank O'Bannon
Governor

Lori F. Kaplan
Commissioner

100 North Senate Avenue
P. O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

PART 70 OPERATING PERMIT
OFFICE OF AIR QUALITY

Fort Wayne Pools, Inc.
6930 Gettysburg Pike
Fort Wayne, Indiana 46804

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T003-6933-00071	
Issued by: Original signed by Janet McCabe Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: December 4, 2002 Expiration Date:December 4, 2007

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary fiberglass reinforced plastic pool steps, filler panels and pool supports manufacturing plant.

Responsible Official:	Tom Epple
Source Address:	6930 Gettysburg Pike, Fort Wayne, IN 46804
Mailing Address:	6930 Gettysburg Pike, Fort Wayne, IN 46804
General Source Phone Number:	260-432-8731
SIC Code:	3083
County Location:	Allen
County Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Minor Source, under PSD Rules; Major Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

(a) one (1) airless fiberglass resin chop spray booth and reinforcement areas, identified as EU-7, capable of processing 650 pounds of resin per hour and 7.5 pounds of vinyl ester resins per hour for producing pool steps and filler panels, equipped with an electric dry oven, using dry filters for overspray particulate matter control, and exhausting through one (1) stack, identified as S-7; and

(b) one (1) air atomization coping paint spray booth for pool trim, identified as EU-12, with a maximum coating material and accessory solvent usage rate of 2.21 pounds per hour, exhausting through one (1) stack, identified as S-12.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(a) one (1) grinding and machining operation, identified as EU-11, capable of processing 5.0 steps per hour and filler panels, with particulate matter emissions controlled by a cyclone and dry filters system [326 IAC 6-3-2(c)];

(b) one (1) natural gas fired air make-up unit, rated at 3.5 million British thermal units (mmBtu) per hour, exhausting through one (1) stack, identified as G-13;

(c) one (1) natural gas fired air make-up unit, rated at 1.96 mmBtu per hour, exhausting through one (1) stack, identified as G-14;

(d) twelve (12) natural gas fired space heaters, each rated at 0.4 mmBtu per hour, and each exhausting through one (1) stack, identified as G-1 through G-12;

(e) one (1) welding booth for coping and pool supports, exhausting through one (1) stack, identified as S-13;

(f) vessels (55 gallon drums) storing lubricating oils, hydraulic oils, machining oils, and machining fluids;

(g) equipment relating to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment;

(h) replacement of repair of electrostatic precipitators, bags in baghouse and filters in other air filtration equipment;

(i) paved and unpaved roads and parking lots with public access [326 IAC 6-4];

(j) usage of trichloroethylene (2.5 gallons per year) in the pool liner operation; and

(k) application of foam packaging material, with a maximum usage of 195 gallons per year, to pool steps prior to shipment.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

(a) It is a major source, as defined in 326 IAC 2-7-1(22);

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-7-5(2)][326 IAC 2-1.1-9.5]

This permit is issued for a fixed term of five (5) years from the original date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.

B.3 Enforceability [326 IAC 2-7-7]

Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

B.4 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.5 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

B.7 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)] [326 IAC 2-7-6(6)]

(a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit or, for information claimed to be confidential, the Permittee may furnish such records directly to the U. S. EPA along with a claim of confidentiality. [326 IAC 2-7-5(6)(E)]

(c) The Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

(a) The Permittee must comply with all conditions of this permit. Noncompliance with any provision of this permit is grounds for:

(1) Enforcement action;

(2) Permit termination, revocation and reissuance, or modification; or

(3) Denial of a permit renewal application.

(b) Noncompliance with any provisions of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act.

(c) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(d) An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

B.9 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)][326 IAC 2-7-5(3)(C)]

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.

(c) A responsible official is defined at 326 IAC 2-7-1(34).

B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

(b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(c) The annual compliance certification report shall include the following:

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.11 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The PMP and the PMP extension notification do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall implement the PMPs as necessary to ensure failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.

(c) A copy of the PMP's shall be submitted to IDEM, OAQ, upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ. IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

B.12 Emergency Provisions [326 IAC 2-7-16]

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Quality, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

(5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(10) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

(g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

B.13 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

(b) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

(c) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.

(d) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

(e) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).

(f) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ has issued the modifications. [326 IAC 2-7-12(c)(7)]

(g) This permit shield is not applicable to minor Part 70 permit modifications until after

IDEM, OAQ has issued the modification. [326 IAC 2-7-12(b)(7)]

B.14 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either

(1) incorporated as originally stated,

(2) revised, or

(3) deleted

by this permit.

(b) All previous registrations and permits are superseded by this permit.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

(a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

(c) Emergencies shall be included in the Quarterly Deviation and Compliance Monitoring Report.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]

(c) Proceedings by IDEM, OAQ to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.17 Permit Renewal [326 IAC 2-7-4]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

(b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]

(1) A timely renewal application is one that is:

(A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(2) If IDEM, OAQ, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, any additional information identified as being needed to process the application.

(d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAQ fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]

(a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

(b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.20 Operational Flexibility [326 IAC 2-7-20][326 IAC 2-7-10.5]

(a) The Permittee may make any change or changes at the source that are described in 326

IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

(3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b), (c)(1), and (e)(2).

(b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

(1) A brief description of the change within the source;

(2) The date on which the change will occur;

(3) Any change in emissions; and
(4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).

(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

B.21 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by 326 IAC 2 and 326 IAC 2-7-10.5.

B.22 Inspection and Entry [326 IAC 2-7-6(2)][IC 13-14-2-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) Have access to and copy, any records that must be kept under the conditions of this permit;

(c) Inspect, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) Sample or monitor, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

(a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

(b) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAQ, Technical Support and Modeling Section), to determine the appropriate permit fee.

SECTION C SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

C.4 Incineration [326 IAC 4-2][326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2. 326 IAC 9-1-2 is not federally enforceable.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61 Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work

or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited, pursuant to the provisions of 40 CFR 61, Subpart M, is federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.8 Performance Testing [326 IAC 3-6]

(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must by received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.9 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification

of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission units, compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.11 Maintenance of Emission Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]

(a) In the event that a breakdown of the emission monitoring equipment occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem. To the extent practicable, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less frequent than required in Section D of this permit until such time as the monitoring equipment is back in operation. In the case of continuous monitoring, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less than once an hour until such time as the continuous monitor is back in operation.

(b) The Permittee shall install, calibrate, quality assure, maintain, and operate all necessary monitors and related equipment. In addition, prompt corrective action shall be initiated whenever indicated.

C.12 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60 Appendix A, 40 CFR 60 Appendix B, 40 CFR 63 or other approved methods as specified in this permit.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

(a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

(b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ninety (90) days after the date of issuance of this permit.

The ERP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) If the ERP is disapproved by IDEM, OAQ, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.

(d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.

(e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.

(f) Upon direct notification by IDEM, OAQ, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall submit:

(a) A compliance schedule for meeting the requirements of 40 CFR 68; or

(b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP).

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.15 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:

(1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.

(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.

(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:

(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or

(2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.

(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, the IDEM, OAQ shall be promptly notified of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.

(4) Failure to take reasonable response steps shall constitute a violation of the permit.

(c) The Permittee is not required to take any further response steps for any of the following reasons:

(1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.

(3) An automatic measurement was taken when the process was not operating.

(4) The process has already returned or is returning to operating within “normal” parameters and no response steps are required.

(d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.

(e) The Permittee shall record all instances when response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

(f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline.

(c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]

(a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:

(1) Indicate estimated actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);

(2) Indicate estimated actual emissions of other regulated pollutants (as defined by 326 IAC 2-7-1) from the source, for purposes of Part 70 fee assessment.

(b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]

(a) Records of all required data, reports and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)][326 IAC 2-1.1-11]

(a) The source shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years.

Stratospheric Ozone Protection

C.20 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

(a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

(b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

(c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]
(a) one (1) airless fiberglass resin chop spray booth and reinforcement areas, identified as EU-7, capable of processing 650 pounds of resin per hour and 7.5 pounds of vinyl ester resins per hour for producing pool steps and filler panels, equipped with an electric dry oven, using dry filters for overspray particulate matter control, and exhausting through one (1) stack, identified as S-7; and
(b) one (1) air atomization coping paint spray booth for pool trim, identified as EU-12, with a maximum coating material and accessory solvent usage rate of 2.21 pounds per hour, exhausting through one (1) stack, identified as S-12.
(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]
The resin chop spray booth shall be in compliance with 326 IAC 8-1-6 by operating with the following work practices, which is considered to be the Best Available Control Technology (BACT):

(a) Use of resins and gel coats shall be limited such that the potential to emit (PTE) volatile organic compounds (VOC) from resins and gel coats only shall be less than 100 tons per year, per twelve (12) consecutive months. Compliance with this limit shall be determined based upon the following criteria:

(1) Monthly usage by weight, monomer content, method of application, and other emission reduction techniques for each gel coat and resin shall be recorded. Volatile organic compounds (VOC) emissions shall be calculated by multiplying the usage of each gel coat and resin by the emission factor that is appropriate for the monomer content, method of application, and other emission reduction techniques for each gel coat and resin, and summing the emissions for all gel coats and resins. Emission factors shall be obtained from the reference approved by IDEM, OAQ.

(2) Until such time that new emissions information is made available by U.S. EPA in its AP-42 document or other U.S. EPA- approved form, emission factors shall be taken from the following reference approved by IDEM, OAQ: “CFA Emission Models for the Reinforced Plastics Industries,” Composites Fabricators Association, February 28, 1998, and shall not exceed 32.3% styrene emitted per weight of gel coal applied and 17.7% styrene emitted per weight of resin applied. For the purposes of these emission calculations, monomer in resins and gel coats that is not styrene shall be considered as styrene on an equivalent weight basis.

(b) Resins and gel coats used, including filled resins and tooling resins and gel coats, shall be limited to maximum monomer contents of 35 percent (35%) by weight for resins, 37 percent (37%) by weight for gel coats or their equivalent on an emissions mass basis. Monomer contents shall be calculated on a neat basis, i.e., excluding any filler. Compliance with these monomer content limits shall be demonstrated on a monthly basis.

The use of resins with monomer contents lower than 35%, gel coats with monomer contents lower than 37%, and/or additional emission reduction techniques approved by IDEM, OAQ, may be used to offset the use of resins with monomer contents higher than 35%, and/or gel coats with monomer contents higher than 37%. Examples of other techniques include, but are not limited to, lower monomer content resins and gel coats, closed molding, vapor suppression, vacuum bagging, controlled spraying, or installing a control device with an overall reduction efficiency of 95%. This is allowed to meet the monomer content limits for resins and gel coats, and shall be calculated on an equivalent emissions mass basis as shown below:

(Emissions from >35% resin or >37% gel coat) - (Emissions from 35% resin or 37% gel coat) $\leq$ (Emissions from 35% resin or 37% gel coat) - (Emissions from <35% resin, <37% gel coat, and or other emission reduction techniques).

Where: Emissions, lb or ton = M (mass of resin or gel coat used, lb or ton) * EF (Monomer emission factor for resin or gel cat used, %):

EF, Monomer emission factor = emission factor, expressed as % styrene emitted per weight of resin applied, which is indicated by the monomer content, method of application, and other emission reduction techniques for each gel coat and resin used.

Pursuant to CP003-4356-00071, the Best Available Control Technology (BACT) determined for the fiberglass fabrication operation at the source shall also include using vinylester resins as a barrier coat between the plexiglass acrylic sheets and the polyester resins when manufacturing steps.

Based on the information provided by the source in support of the BACT determination for CP003-4356-00071, the vinylester resins used as a barrier coat shall have a maximum styrene content of 47.5% and the polyester resins shall have a maximum styrene content 39% to achieve proper adhesion. The vinylester resins with up to 47.5% styrene content and the polyester resins with 39% styrene content used for manufacturing steps shall not be included in calculating the monomer content limits described in the preceding paragraphs.

(c) Flow coaters, a type of non-spray application technology of a design and specifications to be approved by IDEM, OAQ, shall be used to apply 100% of all neat resins used within one (1) year of issuance of this Part 70 Operating Permit.

If, after one (1) year of operation it is not possible to apply a portion of neat resins with flow coaters, equivalent emissions reductions must be obtained via use of other techniques, such as those listed in Condition D.1.1(b) above, elsewhere in the process.

(d) Optimized spray techniques according to a manner approved by IDEM shall be used for gel coats and filled resins (where fillers are required for corrosion or fire retardant purposes) at all times. Optimized spray techniques include, but are not limited to, the use of airless, air-assisted airless, high volume low pressure (HVLP), or other spray applicators demonstrated to the satisfaction of IDEM, OAQ, to be equivalent to the spray applicators listed above.

HVLP spray is the technology used to apply material to substrate by means of coating application equipment that operates between one-tenth (0.1) and ten (10) pounds per square inch gauge (psig) air pressure measured dynamically at the center of the air cap and at the air horns of the spray system.

(e) The listed work practices shall be followed:

(1) To the extent possible, a non-VOC, non-HAP solvent shall be used for cleanup.
(2) Cleanup solvent containers used to transport solvent from drums to work stations shall be closed containers having soft gasketed spring-loaded closures.
(3) Cleanup rags saturated with solvent shall be stored, transported, and disposed of in containers that are closed tightly.
(4) The spray guns used shall be the type that can be cleaned without the need for spraying the solvent into the air.
(5) All solvent sprayed during cleanup or resin changes shall be directed into containers, such containers shall be closed as soon as solvent spraying is complete and the waste solvent shall be disposed of in such a manner that evaporation is minimized.
(6) Storage containers used to store VOC- and/or HAP- containing materials shall be kept covered when not in use.

D.1.2 Volatile Organic Compounds (VOC)

Any change or modification which may increase VOC usage for metal coating in the coping paint spray booth to 25 tons per year shall require OAQ's prior approval before such change can take place.

D.1.3 Hazardous Air Pollutants (HAP) [326 IAC 20-25]

(a) Pursuant to 326 IAC 20-25-3(a), except as provided in 326 IAC 20-25-3 (e), (f), and (h), the Permittee shall comply with the provisions of 326 IAC 20-25-3 on or before January 1, 2002. The total HAP monomer content of the following materials used in the resin chop spray booth shall be limited depending on the application method and products produced as specified below:

TABLE I Fiber Reinforced Plastics Composites Products Except Watercraft	HAP Monomer Content, Weight Percent
Resin, Manual, or Mechanical Application	
Production-Specialty Products	48*
Production-Noncorrosion Resistant Unfilled	35*
Production-Noncorrosion Resistant Filled ($35% by weight)	38
Production, Noncorrosion Resistant, Applied to Thermoformed Thermoplastic Sheet	42
Production, Class I, Flame and Smoke	60*
Shrinkage Controlled	52
Tooling	43
Gel Coat Application	
Production-Pigmented	37
Clear Production	44
Tooling	45
Production-Pigmented, subject to ANSI[a] standards	45
Production-Clear, subject to ANSI[a] standards	50

[a] American National Standards Institute.
* Categories that must use mechanical nonatomized application technology or manual application as stated in subsection (b).

(b) Pursuant to 326 IAC 20-25-3(b), except as provided in 326 IAC 20-25-3(f), the following categories of materials in 326 IAC 20-25-3(a) shall be applied using mechanical nonatomized application technology or manual application:

(1) Production noncorrosion resistant, unfilled resins from all sources.
(2) Production, specialty product resins from all sources.
(3) Tooling resins used in the manufacture of watercraft.
(4) Production resin used for Class I flame and smoke products.

(c) Pursuant to 326 IAC 20-25-3(c), unless specified in 326 IAC 20-25-3(b), gel coat application and mechanical application of resins shall be by any of the following spray technologies:

(1) Nonatomized application technology.
(2) Air-assisted airless.
(3) Airless.
(4) High volume, low pressure.
(5) Equivalent emission reduction technologies to subdivisions (2) through (4).

(d) Pursuant to 326 IAC 20-25-3(d), cleaning operations for resin and gel coat application equipment are as follows:

(1) For routine flushing of resin and gel coat application equipment such as spray guns, flowcoaters, brushes, rollers, and squeegees, a cleaning solvent shall contain no HAPs. This emission standard does not apply to solvents used for removing cured resin or gel coat from application equipment.
(2) A source must store HAP containing solvents used for removing cured resin or gel coat in containers with covers. The covers must have no visible gaps and must be in place at all times, except when equipment is placed in or removed from the container.
(3) Recycled cleaning solvents that contain less than or equal to five percent (5%) HAP by weight are considered to contain no HAP for the purposes of 326 IAC 20-25-3(d).

(e) Pursuant to 326 IAC 20-25-3(g), the Permittee may comply with this section using monthly emission averaging within each resin or gel coat application category listed in 326 IAC 20-25-3(a) without prior approval by the commissioner.

(f) Pursuant to 326 IAC 20-25-3(h), upon written application by the source, the commissioner may approve the following:

(1) Enforceable alternative emission reduction techniques that are at least equally protective of the environment as the emission standards in 326 IAC 20-25-3(a) through (d).
(2) Use of monthly emissions averaging for any or all material or application categories listed in 326 IAC 20-25-3(a) if the following conditions are met:
    (A) The source shows that emissions did not exceed the emissions that would have occurred if each emission unit had met the requirements of 326 IAC 20-25-3(a) through (c).

    (B) The source uses any one (1) or a combination of the following emission reduction techniques:

(i) Resins or gel coats with HAP monomer contents lower than specified in 326 IAC 20-25-3(a).
(ii) Vapor suppressed resins.
(iii) Vacuum bagging or other similar technique. This item does not include resin transfer molding or compression molding.
(iv) Air pollution control equipment where the emissions are estimated based on parametric measurements or stack monitoring.
(v) Controlled spray used in combination with automated actuators or robots.
(vi) Controlled spray that includes the following:
(AA) Mold flanges.
(BB) Spray technique.
(CC) Spray gun pressure.
(DD) Means of verifying continuous use of the controlled spray technique, such as mass balance of materials and products (surface area and thickness of product) as approved by the commissioner prior to implementation.

(vii) Emission reduction techniques approved under 326 IAC 20-25-3(h)(1).

Sources using averaging shall not use spray equipment that produces higher emissions than the equipment specified in 326 IAC 20-25-3(c)(2) through (c)(5).

(g) Pursuant to 326 IAC 20-25-3(i), to determine emission estimates, the following references or methods shall be used:

(1) "Unified Emission Factors for Open Molding of Composites", April 1999*, except use of controlled spray emission factors must be approved by the commissioner.
(2) "Compilation of Emission Factors", Volume 1, Fifth Edition, and supplements, January 1995*, except for hand layup and spray layup operations emission factors.
(3) Site-specific values or other means of quantification provided the site-specific values and the emission factors are acceptable to the commissioner and the U.S. EPA.

D.1.4 Work Practice Standards [326 IAC 20-25-4]

Pursuant to 326 IAC 20-25-4, Work Practice Standards, on or before March 1, 2001, the Permittee shall operate the resin chop spray booth in accordance with the following work practice standards:

(a) Nonatomizing spray equipment shall not be operated at pressures that atomize the material during the application process.
(b) Except for mixing containers as described in 326 IAC 20-25-4(7), HAP containing materials shall be kept in a closed container when not in use.
(c) Solvents sprayed during cleanup and resin changes shall be directed into solvent collection containers.
(d) Solvent collection containers shall be kept closed when not in use.
(e) Clean-up rags with solvent shall be stored in closed containers.
(f) Closed containers shall be used for the storage of the following:

(1) All production and tooling resins that contain HAPs.
(2) All production and tooling gel coats that contain HAPs.
(3) Waste resins and gel coats that contain HAPs.
(4) Cleaning materials, including waste cleaning materials.
(5) Other materials that contain HAPs.

(g) All resin and gel coat mixing containers with a capacity equal to or greater than fifty-five (55) gallons must have a cover with no visible gaps in place at all times except when material is being added to or removed from a container, or when mixing or pumping equipment is being placed in or removed from a container.

D.1.5 Particulate Matter (PM) [40 CFR 52 Subpart P]

Pursuant to [40 CFR 52 Subpart P], the PM from the resin chop and coping paint booths shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and P = process weight rate in tons per hour

D.1.6 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and any control devices.

Compliance Determination Requirements

D.1.7 Volatile Organic Compounds (VOC)

Compliance with the VOC content and usage limitations contained in Condition D.1.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1.8 VOC Emissions

Compliance with condition D.1.1 shall be demonstrated within 30 days of the end of each month based on the total volatile organic compound usage for the most recent 12 month Period.

D.1.9 Hazardous Air Pollutants (HAPs) [326 IAC 20-25-5]

Pursuant to 326 IAC 20-25-5(c), compliance with the HAP monomer content and usage limitations specified in condition D.1.3 shall be determined using one (1) of the following:

(a) The manufacturer's certified product data sheet.
(b) The manufacturer's material safety data sheet.
(c) Sampling and analysis, using any of the following test methods, as applicable:
  (1) 40 CFR 60, Method 24, Appendix A (July 1, 1998), shall be used to measure the total volatile HAP content of resins and gel coats. Method 24 may be modified for measuring the volatile HAP content of resins or gel coats to require that the procedure be performed on uncatalyzed resin or gel coat samples.
  (2) 40 CFR 63, Method 311, Appendix A (July 1, 1998), shall be used to measure HAP content in resins and gel coats by direct injection into a gas chromatograph.
  (3) Upon written application by the source, the commissioner may approve an alternative test method.

When a MSDS, a certified product data sheet, or other document specifies a range of values, the values resulting in the greatest calculated emissions shall be used for determining compliance with condition D.1.3.

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.10 Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d), particulate from the two (2) paint booths shall be shall be controlled by dry particulate filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

D.1.11 Monitoring

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the overspray from the surface coating booth stacks S-7 and S-12 while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Monitoring Plan - Failure to Take Response Steps, shall be considered a violation of this permit.

(c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.12 Record Keeping Requirements

(a) To document compliance with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.1.1:

(1) The usage by weight and monomer content of each resin and gel coat. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used;

(2) A log of the month of use;

(3) The cleanup solvent usage for each month; and

(4) The weight of VOC emitted for each compliance period.

(b) To document compliance with Conditions D.1.10 and D.1.11, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.13 Record Keeping Requirements [326 IAC 20-25-6]

(a) Pursuant to 326 IAC 20-25-6(a), on and after January 1, 2002, the Permittee shall maintain records that are complete and sufficient to establish compliance with the requirements of 326 IAC 20-25. Examples of such records are as follows:

(1) Purchase orders.
(2) Invoices.
(3) Material safety data sheets (MSDS).
(4) Manufacturer's certified product data sheets.
(5) Calculations.
(6) Other records to confirm compliance.

(b) Pursuant to 326 IAC 20-25-6(b), the Permittee shall maintain records of all information, including all reports and notifications required by 326 IAC 20-25. Such records shall be recorded in a form suitable and readily available for inspection and review. Except as provided in 326 IAC 20-25-8(d), the records shall be retained for at least five (5) years following the date of each occurrence, measurement, or record. At a minimum, the most recent two (2) years of data shall be retained on site. The remaining three (3) years of data may be retained off site.

D.1.14 Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: Fort Wayne Pools, Inc.
Source Address: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Mailing Address: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Part 70 Permit No.: T003-6933-00071

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

9 Annual Compliance Certification Letter

9 Test Result (specify) _____

9 Report (specify) _____

9 Notification (specify) _____

9 Other (specify) _____

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Phone:

Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

COMPLIANCE DATA SECTION
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-6865

PART 70 OPERATING PERMIT
EMERGENCY/DEVIATION OCCURRENCE REPORT

Source Name: Fort Wayne Pools, Inc.
Source Address: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Mailing Address: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Part 70 Permit No.: T003-6933-00071

This form consists of 2 pages **Page 1 of 2**

9 This is an emergency as defined in 326 IAC 2-7-1(12)

- C The Permittee must notify the Office of Air Quality (OAQ), within four (**4**) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
- C The Permittee must submit notice in writing or by facsimile within two (**2**) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16.

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A **Page 2 of 2**

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

A certification is not required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Fort Wayne Pools, Inc.
Source Address: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Mailing Address: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Part 70 Permit No.: T003-6933-00071

Facility: Resin Chop Spray Booth
Parameter: Volatile Organic Compounds Emissions
Limit: Volatile Organic Compounds emissions (calculated by using emission factors obtained from the reference approved by IDEM, OAQ.) shall be less than 100 tons per twelve (12) month period.

YEAR: _____

Month	Total VOC Emissions This Month (tons)	Previous 11 Month VOC Emissions (tons)	12 Month Total VOC Emissions (tons)
Month 1			
Month 2			
Month 3			

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION and COMPLIANCE REPORT

Source Name: Fort Wayne Pools, Inc.
Source Address: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Mailing Address: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Part 70 Permit No.: T003-6933-00071

Months: _____ to _____ Year: _____

This report is an affirmation that the source has met all the requirements stated in this permit. This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, ~~and~~ the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Page 2 of 2

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: ______________________________

Title/Position: ______________________________

Date: ______________________________

Phone: ______________________________

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Quality

Addendum to the
Technical Support Document for a Part 70 Operating Permit

Source Name:	Fort Wayne Pools, Inc.
Source Location:	6930 Gettysburg Pike, Fort Wayne, IN 46804
County:	Allen
SIC Code:	3083
Operation Permit No.:	T003-6933-00071
Permit Reviewer:	Scott Pan / EVP

On April 4, 1999, the Office of Air Quality (OAQ) had a notice published in the Fort Wayne Journal Gazette, Fort Wayne, Indiana, stating that Fort Wayne Pools, Inc. had applied for a Part 70 Operating Permit to operate a fiberglass reinforced plastic pool steps, filler panels and pool supports manufacturing plant. The notice also stated that OAQ proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

PUBLIC COMMENTS

OAQ received written comments on the proposed permit. Verbal comments on the same were also received in a public hearing held on July 27, 1999 at Ivy Tech at 3800 North Anthony Boulevard, Fort Wayne, Indiana. Hearing Officer Paul Dubenetzky and Jay Patterson were in attendance on behalf of IDEM. A summary of the relevant comments and corresponding responses follows:

Written Comments

Comment #1:

Several written comments with similar complaints regarding the operation of the Fort Wayne Pools Gettysburg Pike facility were received. They are as follows:

(1) Written comments were made by Ms. Virginia Neel. She stated that she resides at 510 Sumpter Drive which is near Fort Wayne Pools' Gettysburg Pike facility and suffered from the plant's pollution which prevents her from going outdoors. She has a lung condition called pulmonary fibrosis that causes breathing problems. With her poor health condition, she had to keep the windows and doors at her house closed at all times and spent more than $150 per month to control the indoor air. For these reasons, she requested that the title V permit application by Fort Wayne Pools be denied.

(2) Written comments were made by Richard Rajchel who is a registered professional engineer in Indiana and resides at 6823 Nordale Drive. Mr. Rajchel complained about a sickening odor from Fort Wayne Pools and experienced nausea when he woke up in the morning. He also mentioned that the fumes were more noticeable during warmer months, because he tended to open the windows and spent more time outdoors during those months. He also stated that when the wind was blowing from north to south, the fumes will persist throughout the day.

(3) Written comments were made by Ms. Gloria E. Mertens who lives at 6611 Kline Street nearby the Fort Wayne Pools Gettysburg Pike facility. She stated that she has been subjected to the noxious polystyrene fumes from the plant since Fort Wayne Pools moved into the current location and the fumes were noticeable most days. These fumes have impacted her life and her ability to enjoy being outdoor in her yard. She and her husband were not able to take a walk outside when the fumes were strong, especially in the morning. Frequently, they were not able to open the windows to enjoy the fresh air. Her family experienced the symptoms of irritated and sore throats, headaches and inability to breathe from the inhalation of these fumes. She had previously complained to IDEM that the pollutants discharged by Fort Wayne Pools are causing environmental damage and health threats to Indiana citizens in the surrounding area. She was petitioning for a public hearing to have an opportunity to address the impact that Fort Wayne Pools had on her family's quality of life.

(4) Written comments were made by Ms. Ellen Ketzenburger who resides at 6824 Nordale Drive. She stated that she is constantly subjected to the polystyrene fumes from Fort Wayne Pools and made it impossible for her to tend the flower beds she planted. She mentioned that on one particular day, September, 16, 1996, the area around her house was hit with a very strong chemical odor. That day, when she got home and pulled up to the mailbox, and opened the car window her eyes started tearing immediately and then her nose and mouth were burning. By the time she got out of the car and got into the house she became nauseous, lightheaded, confused and disoriented. She was very weak and confused for the next three weeks and even after that she continued to experience tightness in the back of her head. She stated that Fort Wayne Pools has infringed on everything she did from walking through the neighborhood to just picking up mail.

(5) Written comments were made by Ms. Teri Haff who resides less than 200 ft from the Fort Wayne Pools Gettysburg Pike facility and is Legal Committee Representative of Westlawn Civic Association. She stated that shortly after Fort Wayne Pools moved to the current Gettysburg Pike location in the fall of 1995, some of her neighbors started to complain about the strong chemical odor and experienced vomiting, headaches, mental confusion and sore throats due to the chemical fumes. Residents in no less than nine (9) homes like hers, only 150-200 ft away from the Fort Wayne Pools facility, had been bombarded daily by the polystyrene fumes which can cause vomiting, confusion and lightheadedness, severe headaches and soreness of throat. She complained that the polystyrene fumes were affecting the lifestyles of many families in her neighborhood and she was concerned that an approved Title V permit would allow Fort Wayne Pools to add to the air emissions. She feared that the emissions of the polystyrene fumes will increase as the facility continues to grow. Her surveys showed that many people in her neighborhood were affected by the polystyrene fumes. She questioned why this type of industrial facility is allowed to be operating within 150 ft of a residential area. In conclusion, she requested a public hearing to discuss these issues.

(6) Written comments were made by Caroline Yates who resides at 6914 Regent Court. She stated that, based on the past history of discharging chemical-containing waste into the storm sewer, she felt Fort Wayne Pools had not been a responsible neighbor or employer. She also stated that Fort Wayne Pools was polluting her neighborhood with polystyrene fumes and requested a public hearing.

Response #1:

Fort Wayne Pools indicated that, in recent years, its Gettysburg Pike facility had substantially decreased the production of fiberglass-backed steps (styrene is used for manufacturing these types of steps) and significantly increased the production of all-acrylic steps (no styrene is used). Further, in January of 2000 Fort Wayne Pools commenced using flow coaters as the fiberglass fabrication technology, hired an outside consultant to evaluate the styrene emissions situation, and consequently raised the stack height by 20 ft during the Spring of 1997, as recommended by the consultant. By adopting the new flow coater technology, which can reduce styrene usage by approximately 50%, the styrene emissions from the fiberglass fabrication operation can thus be reduced by approximately 50%. Raising the stack height can potentially have two (2) beneficial effects, one is to avoid building down-wash and another is to enhance the dispersion of the stack exhaust plume. Both could significantly reduce the impact of stack emissions on near-ground level concentrations.

To verify the benefit of raising the height of the styrene emitting stack, an air quality prediction modeling analysis using the US EPA approved ISCST3 dispersion model has been conducted by IDEM. The modeling results have indicated that the worst case ground level impacts due to the styrene emissions from the fiberglass operation (based on the styrene emissions prior to using flow coaters) at Fort Wayne Pools are reduced from 0.14% to 0.04% of the OSHA permissible exposure limit (PEL) concentration (420 mg/m^3 for styrene), a reduction of 71% just from raising the stack height by 20 feet. Therefore, it is safe to say that the combined effect of switching to the flow coater technology and raising the stack height by 20 feet reduced the predicted ground level impacts by more than 80%. The reason that the neighbors of Fort Wayne Pools can still smell styrene is probably due to the low threshold for styrene odor in humans. Based on IDEM's records of the past several years, there have been no complaints made on the emissions from Fort Wayne Pools since the public hearing date of July 27 of 1999.

The fiberglass fabrication operation at Fort Wayne Pools meets all the requirements of applicable state and federal rules. These rules were established by the state of Indiana and U.S. EPA under the various programs of the Clean Air Act and the Indiana Code. Fort Wayne Pools also has agreed to operate its resin chop booth, which is the primary source of the styrene emissions at the plant, using Best Available Control Technology (BACT) for reinforced fiberglass operations approved by IDEM to minimize the styrene emissions.

To determine whether an ambient styrene concentration is too high or not, IDEM needs to compare the measured concentration with an established standard. So far, an ambient styrene concentration standard has not yet been established. Although several residents complained about the existence of air pollution, IDEM was unable to quantify the impacts of this specific plant on public health without any established standard. IDEM is charged with ensuring the public health will be protected. IDEM believes that the conditions in the proposed Title V permit are adequate to protect the public health and therefore the complaints are not adequate to deny the issuance of the Title V permit.

With regard to the odor problems, since odor is not specifically regulated in the state of Indiana, IDEM will respond to odor complaints by going to the plant to make sure the source of odor is complying with the requirements in its permit. Styrene has a very low detection level, a person can smell styrene at a very low concentration. Fort Wayne Pools is required to use a fiberglass layup technology, a flow coater, which will significantly reduce (approximately 50% in comparison with the spray technology in use at the time of the public hearing) styrene emissions from the production of styrene-containing products. IDEM will make sure the source is operating the equipment properly.

The distance from residential areas to industrialized areas is regulated at the local level through land use planning and zoning ordinances. Therefore, the minimum distance between industrial and residential zones should not be decided by IDEM unless IDEM determines that the public health can not be protected at that distance.

An approved Title V does not mean that the Permittee will be allowed to add to the source emissions at any time. Any change, modification or addition to the existing source that may increase potential emissions of any regulated pollutant by greater than the exemption level as defined in 326 IAC 2-1.1-3 shall require IDEM's approval before such change can take place. If the proposed future modification is determined to be significant as defined in 326 IAC 2-7-10.5(f), then the proposed significant modification will require public notice for public comments.

A public hearing was held on July 27, 1999 at Ivy Tech at 3800 North Anthony Boulevard, Fort Wayne, Indiana and the responses to the verbal comments made in the public hearing were also included in this TSD Addendum.

Verbal Comments in the Public Hearing

The comments made in the public hearing and the corresponding responses are as follows:

Comment #2:

Ms. Haff was the first person who made the comments and she stated that in the fall of 1995, soon after Fort Wayne Pools moved into a building at 6930 Gettysburg Pike, Westlawn residents began experiencing problems with air pollution. The residents wished to resolve the problem and designated Teri Haff as a go-between for the residents to work with Fort Wayne Pools. Ms. Haff began by logging residents' complaints and calling Fort Wayne Pools to inform them of these complaints. The log consists of instances such as: families waking up sick because they slept with their windows open; roofers with sore throats watery eyes, difficulty breathing and vomiting; an APE meter reader noticing a horrible smell on Blake Drive and experiencing a sore throat, watery eyes, and a very bad headache; and nine families, including the Haff family, experiencing similar symptoms on 40-50 occasions per year for three years. Ms. Haff then states her belief that Fort Wayne Pools is a "public nuisance."

Ms. Haff had her soil tested and found that there were 20.4 µg/kg of carbon disulfide and 42.7 µg/kg of vinyl acetate in the soil that were both direct hits from Fort Wayne Pools. She was also told that she should not grow food in her garden for ten years after the polystyrene smell stops.

An air sample was also taken near Ms. Haff's residence by Peter Brodek from the Office of Air Quality (OAQ), who found that "this concentration is well below the OSHA permissible exposure limit; however, it is an unusually high concentration of styrene for ambient air."

Ms. Haff also brought up the following safety issues:

(1) She filed for tier I and tier II, material safety data sheets (MSDS) and a list of chemicals in 1986 and 1999. All information was received for 1986, but the emergency preparedness office did not have the MSDS sheets, list of chemicals, evacuation plan or fire plan for 1999.

(2) Failure to abate from OSHA in 1989: The employer had not developed or implemented a written hazard communication program which at least describes how the criteria in 29 Code of Federal Regulation 1910 will be met. There was no written hazardous communication program in the office. The employer did not ensure that each container of hazardous chemicals in the workplace was labeled, tagged, or marked with the identity of a hazardous chemical contained therein.

There was no labeling program for hazardous materials in the office or the plant. The employer did not have an MSDS sheet for each hazardous chemical which is used in the workplace. MSDS were not being completely maintained in the office and the plant. Employees were not provided information and training as specified in 29 Code of Federal Regulation 1910 on hazardous chemicals in their work area at the time of their initial assignment and whenever a new hazard was introduced into their work area. There was no training program available in the office or the plant.

(3) A letter from Milan Racic, health and safety director for the Allied Industrial Workers of America was sent to Fort Wayne Pools stating there are several chemicals at the plant that can cause problems including foam resin AIOC (higher oligomers of MDI), polyester resin 6060-5 (styrene), and foam resin AIOC (diphenylmethane diisocyanate). The two foam resins can cause severe lung sensitization and result in permanent injury and handling of these chemicals requires even more controls, almost to the point of using a closed systems. Styrene is cancer causing chemical and must be handled with the utmost care. The company must have appropriate personal protection, engineering controls and appropriate medical screening.

(4) VOC monthly output usage numbers have been changed on forms.

(5) Employees were exposed to materials in excess of acceptable ceiling concentration units and for a duration exceeding the maximum time period listed for the particular materials in table 7-2 of Subpart B of 29 Code of Federal Regulations 1910.

(6) The exit was locked or fastened preventing free escape from the inside of the building (Exhibit H).

(7) In the warehouse, on the south wall, the west side, the only emergency exit in this area was locked and barricaded.

(8) The employer did not establish a program consisting of an energy control procedure and employee training.

(9) Plant-wide, Fort Wayne Pools had not established a lock-out or a tag-out program.

(10) Employees were not provided with information and training now specified in the Code of Federal Regulations on hazardous chemicals in their work area at the time of their initial assignment and whenever a new hazard was introduced into their area.

(11) Fort Wayne Pools did not provide hazard communication training to employees where mold cleaners, propane, and hydraulic oils were stored and used compressed air for cleaning purposed was not reduced to less than 30 PSI (pressure of compressed air guns used for cleaning of structural foam presses NO. 2 and 3 was 70 PSI).

(12) There was neither an infirmary, clinic, or hospital used for the treatment of all injured employees in near proximity to the workplace nor a person or persons adequately trained to render first aid.

(13) On or about February 19, 1993, an employee with an amputated thumb was not immediately transported to the proper medical facility.

(14) The log and summary of occupational injuries and illnesses were not completed in the detail provided in the form and the instructions contained therein (from 1992 to 1993 the logs contained no names).

(15) There were no fire extinguishers available.

(16) Floor fans were broken and laying in water on the floor.

(17) Spraying areas were not kept free from the accumulation of deposits of combustible residues. Styrene and fiberglass overspray were allowed to accumulate inside a two-step spray booth of four to six inches.

(18) Respirators were required for styrene spray finishers, however, no standard written procedure for use, selection, and maintenance were established.

(19) Respirators issued for the exclusive use of one worker were not cleaned after each day's use and employees were not required to clean their North half-mask respirators at the end of each shift nor were they trained in the proper way to clean them.

(20) Respirators required for use by employees were stored in the workplace without provision for isolation from waste, styrene, and fiberglass.

(21) A written emergency action plan was not kept at the workplace and made available for employee view.

(22) The employer failed to maintain the written emergency action plan on site for an employee operating a structural foam press.

(23) Failure to abate - On or about January 28, 1994, employees' written fire prevention plan did not include a list of the major workplace fire hazards and their proper handling of storage, potential ignition forces, and their control procedures.

(24) November 5, 1993 - The employer did not have a material safety data sheet for each hazardous chemical which they used.

(25) Case file - December 30, 1992 - still open. The exit was locked or fastened preventing free escape from inside the building.

(26) June 28, 1995, 100 to 150 employees have been exposed to excessive fiberglass dust.

(27) Employees exposed to a toxic vapor from the heating of fiberglass and plastic sheets - employees experiencing upper respiratory irritation.

(28) July 7, 1995 - The company did not always have the required PPE available to employees such as eye protection and finger tabs.

(29) September 16, 1996 - Floors in the work area around the machines were covered with oil. No fire extinguishers were available. Floor fans were broken and laid in water on the floor.

The area that specifically concerned Ms. Haff with the Title V permit, aside from allowing Fort Wayne Pools to increase production, is B.13, the emergency provisions. This paragraph states that as long as Fort Wayne Pools makes a phone call they are allowed to continue production if "continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value (under (g)(2)(B))." She states "that says to me that it's okay to hurt my health, my family, my property, but it's not okay to hurt their wallet?" She does not believe they should be allowed to increase production under any circumstances.

Response #2:

As mentioned in Response #1, currently there are no established ambient styrene concentration standards. IDEM was unable to quantify the impacts of this specific plant on public health without any established standard. With regard to the odor problems, since odor is not specifically regulated in the state of Indiana, IDEM will respond to odor complaints by going to the plant to make sure the source of odor is complying with the requirements in its permit. IDEM will make sure the source is properly operating the required flow coaters for the production of styrene products.

Different agencies in the State of Indiana have different areas of jurisdiction. IDEM, OAQ is responsible for the issuance or denial of Title V permits, but has no jurisdiction over the soil chemical concentrations. The safety issues brought up by Ms. Haff were all related to OSHA issues and regulations, over which the OAQ has no jurisdiction, and have no bearing on the issuance of Title V permits. However, IDEM can help concerned residents get in touch with the agency in charge of OSHA issues and obtain responses to the open cases.

With regard to the concerns about allowing Fort Wayne Pools to continue operating under the situations described in (g)(2)(B), Condition B.13 (now renumbered as B.12) has been revised and the provisions in (g)(2)(B) no longer exist. And this permit does not allow them to increase production.

Comment #3:

Both Ms. Gloria Mertens and Mr. Richard Rajchel reiterated what they stated in the written comments they sent to IDEM before the public hearing. Ms. Jamie Haff also spoke in the public hearing and complained about the fumes she had to endure while walking to the school bus in the morning and the nice areas she was unable to enjoy or play in because of the fumes. Then she expressed her desire to have the fumes stopped.

Response #3:

Refer to Response #1.

Comment #4:

Ms. Caroline Yates stated that she was not only concerned about the polystyrene fumes, she was also concerned about the urethane foam and questioned why the emissions from the urethane foam were not counted toward VOC emissions. She also stated that Fort Wayne Pools did not have good record keeping and she did not consider the source a good neighbor.

Response #4:

Urethane foam may have an odor but it does not emit VOC based on material safety data sheets (MSDS) which are provided by the source. The MSDS are submitted to OAQ for review and the percentage of VOC in the material is then determined. Additionally, Fort Wayne Pools does not use the urethane foam for any product manufacturing, only for packaging purposes. Using urethane foam for packaging purposes does not cause the emissions of diisocyanates or any other VOC, therefore, this can be considered to be an insignificant activity. IDEM's records indicate that the source submitted the record keeping and reporting as required by the existing permit issued to the source. IDEM is currently reviewing the accuracy and completeness of the submitted records. All records required to be submitted can be located on the 12th floor of IGCN (Indiana Government Center North) - Indianapolis or by calling the IDEM file room at (317) 234-0965.

Comment #5:

Mr. Robert Haff who resides at 6902 Nordale Drive questioned whether there is an acceptable styrene limit or standard coming out of stack and what is the benefit of raising the stack.

Response #5:

Currently, EPA has not yet developed standards for styrene. A new rule regulating styrene emissions was added to the Indiana Administrative Code, effective March, 2001. This rule, 326 IAC 20-25 (Emissions from Reinforced Plastics Composites Fabricating Emission Units), applies to owners or operators of sources that emit or have the potential to emit ten (10) tons per year of any hazardous air pollutant (HAP) or twenty-five (25) tons per year of any combination of HAPs, and that meet all of the following criteria:

(1) Manufacture reinforced plastics composites parts, products, or watercraft.
(2) Have an emission unit where resins and gel coats that contain styrene are applied and cured using the open molding process.
(3) Have actual emissions of styrene equal to or greater than three (3) tons per year.

Since this source has the potential to emit ten (10) tons per year of any hazardous air pollutant (HAP) or twenty-five (25) tons per year of any combination of HAPs, manufactures reinforced plastics composites products, has emission units where resins and gel coats that contain styrene are applied and cured using the open molding process, and has actual emissions of styrene of greater than 3 tons per year, it is subject to this rule and the source must be in compliance with the rule and must comply with the applicable requirements of the rule no later than January 1, 2002. Conditions D.1.3, D.1.4, D.1.9 and D.1.14 have been added to the proposed Title V Permit to outline the requirements pursuant to 326 IAC 20-25 (see OAQ's Revision #41 of this TSD Addendum). Based on the inspection conducted by IDEM in April of 2002, Fort Wayne Pools has taken the necessary steps to be in compliance with the 326 IAC 20-25 by meeting:

(1) Emission standards by using compliant resins, application methods, and cleaning operations.
(2) Testing requirements because the facility does not have any control device.
(3) Record keeping requirements by keeping documentation of usage, records of operators who had been trained and MSDS.
(4) Reporting requirements through submittal of the initial notification report.

IDEM considered Fort Wayne Pools for the most part to be in compliance with the requirements of 326 IAC 20-25. However, IDEM also discovered the following non-compliant items during the inspection that needed to be corrected immediately:

(1) Waste containers were open and they should have been kept closed.
(2) Operator training records were not available of the lesson plans for the training.

Although the level of air pollution that someone should breathe in their backyard should be significantly lower than what OSHA would have in the enclosed workplace, the OSHA guideline does provide a reference for comparison. It was demonstrated through an air quality prediction modeling analysis conducted by IDEM, that the worst case ground level impact due to the styrene emissions from current Fort Wayne Pools' fiberglass fabrication operation (with raised stack height and using flow coater technology) is predicted to be 0.02% of OSHA PEL. As mentioned in Response #1, raising the stack height can potentially have two (2) effects, one is to avoid building down-wash and another is to enhance the dispersion of the stack exhaust plume. Both could significantly reduce the impact of stack emissions on near-ground level concentrations.

Comment #6:

Ms. Brenda McConnehey who resides at 6632 Kline Street stated that she could smell chemical fumes frequently and felt that her right of being able to breathe fresh air was being violated. She also stated that she did not care about the source's existence in the neighborhood, but she wanted the source to put some control on the stack so she won't have to breathe the chemical fumes.

Response #6

Fort Wayne Pools is required to operate its fiberglass fabrication operation with best available control technology (BACT) which in this case does not require an emission control device to be added to the facility. The BACT shall utilize either flow coater for neat resins or optimized spray techniques for gel coats and filled resins, in conjunction with using resins with established maximum styrene content and good work practices. The BACT is established with the intention of reducing styrene emissions and thus protecting public health. The BACT in the proposed permit (Condition D.1.1) is comparable to the BACT determined for other sources located in Indiana with a similar fiberglass fabrication operation and is outlined as follows:

The resin chop spray booth shall be in compliance with 326 IAC 8-1-6 by operating with the following work practices, which is considered to be the Best Available Control Technology (BACT):

(a) Use of resins and gel coats shall be limited such that the potential to emit (PTE) volatile organic compounds (VOC) from resins and gel coats only shall be less than 100 tons per year, per twelve (12) consecutive months. Compliance with this limit shall be determined based upon the following criteria:

    (1) Monthly usage by weight, monomer content, method of application, and other emission reduction techniques for each gel coat and resin shall be recorded. VOC emissions shall be calculated by multiplying the usage of each gel coat and resin by the emission factor that is appropriate for the monomer content, method of application, and other emission reduction techniques for each gel coat and resin, and summing the emissions for all gel coats and resins. Emission factors shall be obtained from the reference approved by IDEM, OAQ.

(2) Until such time that new emissions information is made available by U.S. EPA in its AP-42 document or other U.S. EPA-approved form, emission factors shall be taken from the following reference approved by IDEM, OAQ: "CFA Emission Models for the Reinforced Plastics Industries," Composites Fabricators Association, February 28, 1998, and shall not exceed 32.3% styrene emitted per weight of gel coal applied and 17.7% styrene emitted per weight of resin applied. For the purposes of these emission calculations, monomer in resins and gel coats that is not styrene shall be considered as styrene on an equivalent weight basis.

(b) Resins and gel coats used, including filled resins and tooling resins and gel coats, shall be limited to maximum monomer contents of 35 percent (35%) by weight for resins, 37 percent (37%) by weight for gel coats or their equivalent on an emissions mass basis. Monomer contents shall be calculated on a neat basis, i.e., excluding any filler. Compliance with these monomer content limits shall be demonstrated on a monthly basis.

The use of resins with monomer contents lower than 35%, gel coats with monomer contents lower than 37%, and/or additional emission reduction techniques approved by IDEM, OAQ, may be used to offset the use of resins with monomer contents higher than 35%, and/or gel coats with monomer contents higher than 37%. Examples of other techniques include, but are not limited to, lower monomer content resins and gel coats, closed molding, vapor suppression, vacuum bagging, controlled spraying, or installing a control device with an overall reduction efficiency of 95%. This is allowed to meet the monomer content limits for resins and gel coats, and shall be calculated on an equivalent emissions mass basis as shown below:

(Emissions from >35% resin or >37% gel coat) - (Emissions from 35% resin or 37% gel coat) $\leq$ (Emissions from 35% resin or 37% gel coat) - (Emissions from <35% resin, <37% gel coat, and or other emission reduction techniques).

Where: Emissions, lb or ton = M (mass of resin or gel coat used, lb or ton) * EF (Monomer emission factor for resin or gel cat used, %):

EF, Monomer emission factor = emission factor, expressed as % styrene emitted per weight of resin applied, which is indicated by the monomer content, method of application, and other emission reduction techniques for each gel coat and resin used.

Pursuant to CP003-4356-00071, the Best Available Control Technology (BACT) determined for the fiberglass fabrication operation at the source shall also include using vinylester resins as a barrier coat between the plexiglass acrylic sheets and the polyester resins when manufacturing steps.

Based on the information provided by the source in support of the BACT determination for CP003-4356-00071, the vinylester resins used as a barrier coat shall have a maximum styrene content of 47.5% and the polyester resins shall have a maximum styrene content 39% to achieve proper adhesion. The vinylester resins with up to 47.5% styrene content and the polyester resins with 39% styrene content used for manufacturing steps shall not be included in calculating the monomer content limits described in the preceding paragraphs.

(c) Flow coaters, a type of non-spray application technology of a design and specifications to be approved by IDEM, OAQ, shall be used to apply 100% of all neat resins used within one (1) year of issuance of this Part 70 Operating Permit.

If, after one (1) year of operation it is not possible to apply a portion of neat resins with flow coaters, equivalent emissions reductions must be obtained via use of other techniques, such as those listed in Condition D.1.1(b) above, elsewhere in the process.

(d) Optimized spray techniques according to a manner approved by IDEM shall be used for gel coats and filled resins (where fillers are required for corrosion or fire retardant purposes) at all times. Optimized spray techniques include, but are not limited to, the use of airless, air-assisted airless, high volume low pressure (HVLP), or other spray applicators demonstrated to the satisfaction of IDEM, OAQ, to be equivalent to the spray applicators listed above.

HVLP spray is the technology used to apply material to substrate by means of coating application equipment that operates between one-tenth (0.1) and ten (10) pounds per square inch gauge (psig) air pressure measured dynamically at the center of the air cap and at the air horns of the spray system.

(e) The listed work practices shall be followed:

(1) To the extent possible, a non-VOC, non-HAP solvent shall be used for cleanup.

(2) Cleanup solvent containers used to transport solvent from drums to work stations shall be closed containers having soft gasketed spring-loaded closures.

(3) Cleanup rags saturated with solvent shall be stored, transported, and disposed of in containers that are closed tightly.

(4) The spray guns used shall be the type that can be cleaned without the need for spraying the solvent into the air.

(5) All solvent sprayed during cleanup or resin changes shall be directed into containers, such containers shall be closed as soon as solvent spraying is complete and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

(6) Storage containers used to store VOC- and/or HAP- containing materials shall be kept covered when not in use.

COMMENTS BY THE APPLICANT

On May 3, 1999, Mary Ann F. Saggese of Plews Shadley Racher & Braun and on May 21, 2001 Robert D. Waugaman of Bruce Carter Associates, L.L.C. submitted comments on behalf of Fort Wayne Pools, Inc. on the proposed Part 70 permit. The summary of the comments is as follows:

Comment #1:

Fort Wayne Pools, Inc. requests that Section A of the Part 70 Permit be revised to include a Section A.5 complete listing of “Other Insignificant Activities” listed in the application and delineated in the Technical Support Document.

Response #1:

While the Title V Operating Permit rule requires that applications list all points of emissions (326 IAC 2-7-4 Permit Application) with additional provisions relating to insignificant and trivial activities (326 IAC 2-7-1 Definitions), the rule requires that the permit identify all applicable requirements (326 IAC 2-7-5 Permit Content). The OAQ ordinarily includes insignificant activities only as necessary to identify specific applicable requirements. During the development of the model Title V Operating Permit and the subsequent implementation of the program, this approach has been the consensus recommendation of both the regulated community and the OAQ. In many cases future additions or deletions of insignificant activities will not require a modification of this permit. It was felt that there would be less confusion if the permit did not give the impression that the rules required every insignificant activity to be listed in the permit. This has no effect on future activities regarding insignificant activities.

However, IDEM has agreed to list all the insignificant activities at the source in Section A.3 of the permit as requested by the source with those activities that are regulated by state or federal rules specifically identified. Section A.3 has been revised as follows:

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(a) one (1) grinding and machining operation, identified as EU-11, capable of processing 5.0 steps per hour, with particulate matter emissions controlled by a cyclone and dry filters system **[326 IAC 6-3-2(c)];**

(b) one (1) natural gas fired air make-up unit, rated at 3.5 million British thermal units (mmBtu) per hour, exhausting through one (1) stack, identified as G-13;

(c) one (1) natural gas fired air make-up unit, rated at 1.96 mmBtu per hour, exhausting through one (1) stack, identified as G-14;

(d) twelve (12) natural gas fired space heaters, each rated at 0.4 mmBtu per hour, and each exhausting through one (1) stack, identified as G-1 through G-12;

(e) one (1) welding booth for coping and pool supports, exhausting through one (1) stack, identified as S-13;

(f) vessels (55 gallon drums) storing lubricating oils, hydraulic oils, machining oils, and machining fluids;

(g) equipment relating to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment;

(h) replacement of repair of electrostatic precipitators, bags in baghouse and filters in other air filtration equipment;

(i) paved and unpaved roads and parking lots with public access [326 IAC 6-4]; and

(j) usage of trichloroethylene (2.5 gallons per year) in the pool liner operation.

Comment #2:

Fort Wayne Pools requests the addition to the Section A "Other Insignificant Activities" listing of a foam packaging material which will be applied to certain pool steps prior to shipment. This foam packaging material consists of GFLEX-A and GFLEX-B and each related MSDS reports the % volatile by volume as "Nil". Fort Wayne Pools anticipates a maximum usage of both parts A and B of 195 gallons per year.

Response #2:

Based on the information provided, the usage of foam packaging material at Fort Wayne Pools can be considered "Insignificant Activity" without any applicable Federal or State rule. Therefore, the following activity has been added to Section A.3 and the "Insignificant Activities" Section of the TSD:

(k) application of foam packaging material, with a maximum usage of 195 gallons per year, to pool steps prior to shipment.

Comment #3:

For Condition B.11, Fort Wayne Pools requests that:

(1) In (a) of B.11, the initial annual compliance certification report should be clearly stated to cover only from the date of final permit issuance through December 31 of the same year.

(2) In (c) of B.11, IDEM should clarify which specific terms and conditions, "including emission limitations, standards, or work practices," are necessary to submit a complete compliance certification report. Specifically, Fort Wayne Pools requests that IDEM clarify whether the annual compliance certification report is limited to those terms and conditions stated in the Section D Facility Operation Conditions.

Response #3:

(1) OAQ has agreed to clarify the period covered by the initial annual compliance certification report by revising Condition B.11 (a) (now renumbered as B.10 (a), see OAQ's Revision #12 in this TSD Addendum). The revised condition indicates that the initial annual compliance certification report period starts from the date of final permit issuance.

(2) The Permittee must certify compliance with all applicable requirements in Sections A, B, C and D. If some conditions in Sections B or C are not applicable, the Permittee shall state in the certification that those requirements were not applicable to this source at that time. There will be no changes to this condition in the final permit due to this comment.

Comment #4:

Section B.16 (b)(4) specifically states that "failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter" would not be a deviation from the permit requirements and conditions. It follows that an event or activity which is not a deviation would also not be considered noncompliance with this permit nor a violation of the Clean Air Act under Section B.9. Fort Wayne requests that it be clearly stated in Section B.9 that an event or activity which has been excluded from being considered a deviation under Section B.16 (b) would not be an event of noncompliance nor a violation of the Clean Air Act.

Response #4:

OAQ has revised Condition B.16 (now renumbered as B.15) to remove the language regarding the OAQ's discretion to excuse failure to perform monitoring under certain conditions which includes the statement of "failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter". The OAQ retains this discretion to excuse minor incidents of missing data, however, it is not necessary to state criteria regarding the exercise of that discretion in the permit. Therefore, Section B.9 was not changed due to this comment.

Comment #5:

A Preventive Maintenance Plan (PMP) has been required for "this facility and any control devices" pursuant to Condition D.1.4. It is our understanding that IDEM has recently expanded the applicability of the PMP requirement to include emission units not just the control device it serves. The PMP requirement pursuant to the Clean Air Act is responsible for establishing those inspection activities and replacement parts for which a facility can perform to ensure that compliance with the air regulations and permit limitations is achieved. The Clean Air Act does not authorize a PMP to include inspection, maintenance, and replacement parts for equipment, controls, and operations which do not affect the air emissions. Consequently, Fort Wayne Pools requests that it be clearly stated in the permit that any required PMP which includes the information listed in Section B.12 (a) (1)-(3) should only address the information which can actually affect potential air emissions. It should also be noted that some facilities or emission units (without taking into account their control devices) may not have any inspection activities or replacement part information to include in a PMP and therefore, the PMP would be blank.

Response #5:

Facilities required by Section D to have a PMP are all associated with certain thresholds of air emissions. In this case, the source is required to be in compliance with Conditions D.1.1 (326 IAC 8-1-6 for VOC) and D.1.3 (326 IAC 6-3-2(c) for PM). Any activity or information related to the facility can potentially affect air emissions. Therefore, there is no change resulting from this comment.

Comment #6:

To the extent that the compliance monitoring requirements included in Condition C.14 and all Section Ds of this draft Part 70 permit were based on an unpromulgated guidance document that is being applied as if it were law and to the extent the requirements are in addition to or differing in terms of applicability or detail from the recently promulgated EPA CAM rule, IDEM is overreaching its authority and comment. Because IDEM is requiring compliance monitoring before the EPA CAM requirements go into effect, Fort Wayne Pools, Inc. could have to revise its compliance monitoring programs developed pursuant to this draft permit once CAM applies. Furthermore, a competitive disadvantage is being created because other Midwestern states have not included excessive and detailed compliance monitoring terms in their permits. Fort Wayne Pools, Inc. requests that the compliance monitoring requirements of this draft permit be no more extensive than is contained in the EPA CAM rule.

Response #6:

IDEM has worked with members of the Clean Air Act Advisory Council's Permit Committee, Indiana Manufacturing Association, Indiana Chamber of Commerce and individual applicants regarding the Preventive Maintenance Plan, the Compliance Monitoring Plan and the Compliance Response Plan. The plans are fully supported by rules promulgated by the Air Pollution Control Board. The plans are the mechanism each permittee will use to verify continuous compliance with its permit and the applicable rules and will form the basis for each permittee's Annual Compliance Certification. Each permittee's ability to verify continuous compliance with its air pollution control requirements is a central goal of the Title V permit program.

The Compliance Monitoring Plan is made up of the PMP, the CRP, the compliance monitoring and compliance determination requirements in section D of the permit, and the record keeping and reporting requirements in sections C and D. IDEM decided to list all these requirements under this new name, the Compliance Monitoring Plan (CMP), to distinguish them from the PMP requirements. The section D provisions set out which facilities must comply with the CMP requirement. The authority for the CMP provisions is found at 326 IAC 2-7-5(1), 2-7-5(3), 2-7-5(13). 2-7-6(1), 1-6-3 and 1-6-5.

There is no change resulting from this comment.

Comment #7:

The last paragraph of Condition C.15 (a) provides that "OAQ reserves the authority to use enforcement activities to resolve noncompliant stack tests" after an initial stack test indicating noncompliance. Because stack testing frequently can lead to inaccurate reporting of results, it is requested that this reservation be relocated to Condition C.15 (b), which would allow for the retest to occur prior to enforcement activities.

Response #7:

OAQ has made changes to C.15 (see OAQ's revision #36 in this TSD Addendum) and moved the statement to C.15(c).

Comment #8:

Fort Wayne Pools, Inc. requests that Condition C.17 (c) be revised for clarity as follows:

If the equipment is operating but abnormal conditions prevail, additional observations and observations and sampling ~~should be taken~~ **may be necessary, as warranted by the Compliance Response Plan,** with a record made of the nature of the abnormality.

Response #8:

OAQ has decided to remove Condition C.17 from the Part 70 Permit (see OAQ's revision #38 in this Addendum).

Comment # 9:

Section D.1.1(b) provides examples of other techniques which can be used to offset the use of resins with monomer contents higher than the limit of 35%. These techniques are referred to in Section D.1.1(c) as the method for obtaining equivalent emissions reduction if it is not possible to apply a portion of neat resins with flow coaters. One of those listed techniques is "installing a control device with an overall reduction efficiency of 95%". To achieve an overall reduction efficiency of 95% would mean that the capture efficiency would have to be 100%. Fort Wayne Pools strongly rejects this technique as not even possible for its operations. This is not economically nor technologically feasible. The current language of an "overall reduction efficiency of 95%" has been copied from the new Maximum Achievable Control Technology (MACT) standards which only apply to major new sources of air toxics. This is not such a source. This source is required to meet the Best Available Control Technology (BACT) requirements, pursuant to 326 IAC 8-1-6. It is our understanding that IDEM is imposing MACT as the presumptive BACT for existing sources. However, the imposition of MACT to Fort Wayne Pools is unsupported by regulation and is not required for compliance with BACT. Fort Wayne Pools requests that the language in Section D.1.1 (b) be revised to read "installing a control device with a control efficiency of 95%".

Response # 9:

Fort Wayne Pools is not currently equipped with the control device necessary to comply with the established BACT when using resins with a higher styrene content. To receive approval for a level of control that is less than 95%, Fort Wayne Pools must apply for a significant source modification and demonstrate that 95% control is economically or technically infeasible.

Comment # 10:

The current language of the flow coater requirement specifies that Fort Wayne Pools must "apply 50% of all neat resins within 6 months" and "apply 100% of all neat resins used within 1 year". The requirement to apply 50% of all neat resins within 6 months does not make any sense for a source like Fort Wayne Pools where there will be one flow coater applying resin to essentially one product. It does make sense for the flow coater implementation to be allowed a full year for debugging. The current 50% language would essentially require Fort Wayne Pools to have the purchasing, installation, and debugging completed within only 6 months. The current 50% language is unsupportable for this source and is not required for compliance with the Best Available Control Technology (BACT) requirements, pursuant to 326 IAC 8-1-6. This source is not a new source and therefore, is not required to be in compliance with the Maximum Achievable Control Technology (MACT) requirement which is the origin of the flow coater requirement. It is our understanding that IDEM is imposing MACT as the presumptive BACT for existing sources and as such IDEM should presumptively modify the new MACT requirements where sensibility dictates. Fort Wayne Pools requests that the period of time within which flow coaters are to be operational be revised to one year for <u>all</u> neat resins.

In addition, the flow coater requirement provides that applicability runs from the date of "commencement of operation." Because this is an existing emission unit which is already operating, the phrase "commencement of operation" should be revised to read "within 1 year of issuance of this Part 70 Operating Permit."

Response # 10:

OAQ decided that, for an existing source with only one (1) applicator, OAQ will allow the source to change the applicator to a flow coater within one (1) year of permit issuance. Condition D.1.1(c) has been revised as follows:

(c) Flow coaters, a type of non-spray application technology of a design and specifications to be approved by IDEM, OAQ, shall be used ~~in the following manner:~~

~~(1) to apply 50% of all neat resins within 6 months of commencement of operation .~~

~~(2)~~ to apply 100% of all neat resins used within one (1) year of ~~commencement of operation~~ **issuance of this Part 70 Operating Permit**.

If, after one (1) year of operation it is not possible to apply a portion of neat resins with flow coaters, equivalent emissions reductions must be obtained via use of other techniques, such as those listed in Condition D.1.1(b) above, elsewhere in the process.

Comment # 11:

Fort Wayne Pools requests that the phrase "in writing" be inserted into Section D.1.5 as follows:

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing **in writing** at any specific time when necessary to determine if the facility is in compliance...

Response # 11:

OAQ has decided to remove Condition D.1.5, because the facilities covered under Section D.1 have no testing requirement.

Comment # 12:

Fort Wayne Pools is aware that IDEM has reduced the particulate emission monitoring requirements for all Part 70 Operating Permits involving dry filter controls. However, we continue to believe that the monitoring requirements associated with the insignificant potential and actual particulate emissions from these surface coating facilities is unreasonable, over burdensome, and expensive. Each of these individual facilities have a limited potential to emit and actual particulate emissions far below the allowable emissions. The daily, weekly and monthly monitoring and associated record keeping of filter alignment and integrity, stack visible emissions and presence of overspray on rooftops is excessive and unwarranted. These particular facilities do not warrant this level of scrutiny. These monitoring and record keeping requirements create a compliance demonstration task which has no commensurate environmental benefit.

The record keeping of the daily filer inspections should be narrowed to requiring a log of only abnormal or faulty conditions. Furthermore, because the filter inspection will completely determine any potential problems with the overspray from facilities, we request that the requirement for weekly observations and record keeping of overspray from facilities be removed in its entirety. Fort Wayne Pools, Inc. also proposes that the monitoring and record keeping for monthly and rooftop stack observation be limited to notations of only abnormal observations. Please remember that the preventative maintenance plan is also designed to specifically keep all controls operating within their proper modes. These proposed procedures would greatly reduce the voluminous paperwork documentation of normal operating conditions and continue to ensure that all particulate matter controls are operating properly.

Section D.1.9(b) requires “response steps for when a noticeable change in overspray emission, or evidence of overspray emission is observed.” Even though the emissions are expected to be small, 7% of the overspray will still escape at 93% control efficiency. In addition, D.1.3, Particulate Matter, allows PM emissions based on the equation $E=4.10P^{0.67}$. To require these facilities to take response steps when either a “noticeable change in overspray emissions” occurs or when “evidence of overspray emission is observed” is over burdensome, irrelevant as a practical matter when no abnormal overspray is evidenced, and not consistent with the allowance of PM emissions based on the above equation and 93% control efficiency. Fort Wayne Pools, Inc. requests that this wording be revised in the second sentence of Section D.1.9(b) as follows: “The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when ~~a noticeable change in~~ **an abnormal** overspray emission ~~or evidence of overspray emission~~ is observed.

Response # 12:

Complying with the requirements of 326 IAC 6-3-2 can be especially variable for spray booths. The actual substrate being sprayed and the solids content of the material being used can affect the process weight rate, the gallons or pounds of solids used, transfer efficiency, or other factors that directly affect actual, allowable, or potential emissions. While permit applications contain representative information regarding these factors, relying on this information as an ongoing demonstration of compliance is difficult if the factors are not themselves enforceable. The OAQ does not believe that it would be generally advisable to include these factors as permit conditions, to make them enforceable or to presume that they are so fixed they define a source’s potential emissions because either could severely limit a source’s operational flexibility.

Properly operating the air pollution controls that are already in place is generally adequate to demonstrate compliance with 326 IAC 6-3 in lieu of a stack test and also assures compliance with applicable rules limiting fugitive dust, opacity, and (when necessary) Potential to Emit. The OAQ believes that checking the placement and integrity of the filters once a day is a very effective means of ensuring proper operation and ongoing compliance. In addition, evidence of deposition on the rooftops or the ground strongly implies increased particulate matter emissions into the air.

Condition D.1.9(b) (now renumbered as D.1.8(b)) is a standard condition that requires a monthly inspection of the emissions from the stack and the surroundings. Further, pursuant to the condition, the source shall have a Compliance Response Plan that shall include provisions for action to be taken if there is a "noticeable" change in overspray emissions "and" if there is evidence of overspray emissions (typically accumulation of PM overspray on the rooftops or on the ground).

The condition continues by requiring that the provisions under the Compliance Response Plan be followed when required and that failure to take the appropriate action is considered a violation of this permit.

The proposed language for the condition revision only acknowledges abnormal overspray emissions and nothing else which eliminates PM overspray accumulation as evidence. Thus, the proposed revision language will not be incorporated into the permit.

Comment # 13:

Additional information was also received by IDEM and dated November 25, 1996 and September 18, 1998 (comments to pre-draft Part 70). Fort Wayne Pools, Inc. requests that these corrections be made.

Response # 13:

Additional information was received by IDEM and dated November 25, 1996 and September 18, 1998, and most recently on May 21, 2001. These dates are noted in this TSD Addendum and are considered as an update to the original TSD.

Comment # 14:

The statement "unpermitted" following the Coping Paint Booth material listing on the Appendix A, Emissions Calculations, should be deleted since this facility is permitted pursuant to OP 02-12-88-0651.

Response # 14:

The "unpermitted" following the Coping Paint Booth material listing on the Appendix A of the TSD has been removed.

Comment # 15:

The Weight % organics for MEKP is incorrectly listed as 100%. Pursuant to previous information submitted, the only organic to be potentially emitted from MEKP is TXIB at less than 1% flash off. MEKP contains between 60-70% TXIB. Fort Wayne Pools requests that the Weight % Organics for MEKP be corrected to 65%.

Response # 15:

IDEM's policy in calculating the emission rates using data listed in MSDS is to use the worst case scenario pollutant concentrations. The weight % of organics for MEKP listed in Appendix A of the TSD has been changed to 70%.

Comment # 16:

In Operation Permit CP003-4356-00071 issued on February 1, 1996, Fort Wayne Pools was allowed to use vinyl ester resins (maximum usage of 7.5 pounds per hour) in the fiberglass resin chop booth. The usage of vinyl ester resins has a potential emissions of 1.91 tons of styrene per year and was not included in the proposed Part 70 permit. Fort Wayne Pools requests that the usage of vinyl ester resins in the fiberglass resin chop booth be included in the Part 70 Permit.

Response # 16:

The usage of vinyl ester resins in the fiberglass resin chop booth was allowed in CP033-4356-00071. The styrene emissions from the vinyl ester resins usage shall be included in calculating whether styrene emissions from the fiberglass resin chop booth are in compliance with the allowable styrene emissions under Condition D.1.1 (a). The equipment description for the fiberglass resin chop booth in Sections A.2 and D.1 has been revised as follows:

(a) one (1) airless fiberglass resin chop spray booth and reinforcement areas, identified as EU-7, capable of processing 650 pounds of resin per hour **and 7.5 pounds of vinyl ester resins per hour** for producing pool steps and filler panels, equipped with an electric dry oven, using dry filters for overspray particulate matter control, and exhausting through one (1) stack, identified as S-7; and

OAQ's REVISIONS

Upon further review, the OAQ has decided to make the following revisions to the permit (bolded language has been added, the language with a line through it has been deleted). The Table Of Contents has been modified to reflect these changes.

1. Office of Air Management (OAM) has been renamed as Office of Air Quality (OAQ). Changes were made throughout the proposed permit to reflect the change.

2. The rule cite on the front page of the Part 70 Permit has been revised, to reflect that 326 IAC 2-1 has been repealed, as follows:

   This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 ~~and 326 IAC 2-1-3.2~~ as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

3. The expiration has been added to the signature box. The Administration and Development Section will be responsible for typing in the issuance date and the expiration date. The expiration is exactly 5 years after the issuance date.

Operation Permit No.: T003-6933-00071	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality	Issuance Date: **Expiration Date:**

4. The rule cite which is the definition of a major source in 326 IAC 2-7 and General Source Phone number of the Permittee (219-432-8731) have been added to the Section A.1 (General Information) of the Part 70 Permit. The mailing address has been revised to be the same as the source address.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] **[326 IAC 2-7-1(22)]**

The Permittee owns and operates a stationary ~~tire manufacturing~~ **fiberglass reinforced plastic pool steps, filler panels and pool supports manufacturing** plant.

Responsible Official:	Tom Epple
Source Address:	6930 Gettysburg Pike, Fort Wayne, IN 46804
Mailing Address:	~~510 Sumpter Dr., Fort Wayne, IN 46804~~ **6930 Gettysburg Pike, Fort Wayne, IN 46804**
General Source Phone Number:	**260-432-8731**
SIC Code:	3083
County Location:	Allen
County Status:	Attainment for all criteria pollutants
Source Status:	Part 70 Permit Program Minor Source, under PSD Rules; Major Source, Section 112 of the Clean Air Act

5. B.1 (Permit No Defense) has been deleted. This is not in IC13, but OAQ does have the general authority for this in 326 IAC 2-7-15. Therefore, most of this language has been added to B.14 (Permit Shield). B.14 provides for when the possession of a permit does provide a defense and provides that it is only for those requirements in existence at the time of permit issuance. All other B conditions have been re-numbered as a result of this change.

~~B.1 Permit No Defense [IC 13]~~

~~(a) Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.~~

~~(b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield.~~

6. Condition B.2 (now re-numbered as B.1) (Definitions) has been revised to include new language.

B.~~2~~**1** Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, ~~any~~ **the** applicable definitions found in **the statutes or regulations (**IC 13-11, 326 IAC 1-2 and 326 IAC 2-7**)** shall prevail.

7. B.3 (now re-numbered as B.2) (Permit Term) language has been added to clarify that amendments, revisions or modifications do not extend the expiration date of the permit. The expiration date will always be 5 years from the issuance date of the original permit. The expiration date will now be typed in the signature box as well.

B.~~3~~**2** Permit Term [326 IAC 2-7-5(2)] **[326 IAC 2-1.1-9.5]**

This permit is issued for a fixed term of five (5) years from the ~~effective~~ **original** date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. **Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.**

8. Condition B.4 (now re-numbered as B.3) (Enforceability) has been revised to clarify the enforceability of permit conditions.

B.~~4~~**3** Enforceability [326 IAC 2-7-7~~(a)~~]

~~(a)~~ **Unless otherwise stated, all** ~~All~~ terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM**, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.**

~~(b) Unless otherwise stated, terms and conditions of this permit, including any provisions to limit the source's potential to emit, are enforceable by the United States Environmental Protection Agency (U.S. EPA) and citizens under the Clean Air Act.~~

9. B.8 (now re-numbered as B.7) (Duty to Supplement and Provide Information) has been reworded to match the language in the rule.

B.~~8~~**7** Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)] **[326 IAC 2-7-6(6)]**

(a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall furnish to IDEM, OAQ, within a reasonable time, any information that IDEM, OAQ, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. **The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit or, for information claimed to be confidential, the Permittee may furnish such records directly to the U. S. EPA along with a claim of confidentiality. [326 IAC 2-7-5(6)(E)]**

(c) ~~Upon request, the Permittee shall also furnish to IDEM, OAQ copies of records required to be kept by this permit. If t~~**T**he Permittee ~~wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAM, along with~~ **may include** a claim of confidentiality ~~under~~ **in accordance with** 326 IAC 17**.1**. ~~If requested by IDEM, OAM, or the U.S. EPA, to~~ **When** furnish**ing** copies of requested records directly to U. S. EPA, ~~and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must furnish record directly to the U. S. EPA.~~ **the Permittee may assert** ~~along with~~ a claim of confidentiality ~~under~~ **in accordance with** 40 CFR 2, Subpart B.

10. B.9 (now re-numbered as B.8) (Compliance with Permit Conditions) (d) has been added to clarify that an emergency does constitute a defense in an enforcement action if the Permittee complies with the emergency procedures and to clarify that noncompliance with any requirement of this permit may result in an enforcement action against the permittee, an action to modify, revoke, reissue or terminate the source's permit, and/or a denial of the permittee's application to renew the permit. In addition, except for those permit conditions that are not federally enforceable, noncompliance is also a violation of the federal Clean Air Act.

B.~~9~~**8** Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

(a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit ~~constitutes a violation of the Clean Air Act and~~ is grounds for:

(1) Enforcement action;

(2) Permit termination, revocation and reissuance, or modification; or

(3) Denial of a permit renewal application.

(b) Noncompliance with any provisions of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act.

(~~b~~**c**) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

(d) An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

11. Condition B.10 (now re-numbered as B.9) (Certification) paragraph (a) has been revised, since there are currently no certifications that would not be required to be certified by the Responsible Official and paragraph (b) has been modified to clarify when a certification is needed.

B.~~10~~**9** Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)]**[326 IAC 2-7-5(3)(C)]**

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted ~~under this permit~~ shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, ~~and any other certification required under this permit,~~ shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, ~~on~~ **using** the attached Certification Form, with each submittal **requiring certification**.

(c) A responsible official is defined at 326 IAC 2-7-1(34).

12. Condition B.11 (now re-numbered as B.10) (Annual Compliance Certification) paragraph (a) has been revised to clarify that the initial certification is from the date of issuance until Dec. 31. Paragraph (c) has been revised and the word “appropriate” has been added to B.11(c)(1). There is a non-rule policy document for annual compliance certifications which was intended to clarify the requirements of 326 IAC 2-7-6(5). The revision in B.11(c)(1) was made to help clarify the intent which is covered in the NRPD. Also, as part of the U.S. EPA’s 1997 Compliance Assurance Monitoring rule making (Federal Register Volume 62, page 54900-54947, Wednesday, October 22, 1997), the language in 40 CFR Part 70.6(c)(5)(iii)(B)) was changed from “continuous or intermittent compliance” to “based on continuous or intermittent data” The U.S. District Court of Appeals, Washington D.C. ruled against EPA’s language, saying that the Clean Air Act wording of continuous or intermittent compliance had to be used. (NRDC vs. EPA, #97-1727) This change has been made to this permit to be consistent with state and federal law. Paragraph (c) has also been revised so that it matches the language in the rule.

B.~~11~~**10** Annual Compliance Certification [326 IAC 2-7-6(5)]

(a) The Permittee shall annually submit a compliance certification report which addresses the status of the source’s compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. **The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent** ~~The~~ certification**s** shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1 of each year to:

Indiana Department of Environmental Management
Compliance ~~Data Section~~ **Branch**, Office of Air ~~Management~~ **Quality**
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

(b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ on or before the date it is due.

(c) The annual compliance certification report shall include the following:

(1) The **appropriate** identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was ~~based on~~ continuous or intermittent ~~data~~;

(4) The methods used for determining **the** compliance **status** of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); **and**

(5) ~~Any insignificant activity that has been added without a permit revision; and~~

~~(6)~~ Such other facts, as specified in Sections D of this permit, as IDEM, OAQ may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

13. The record keeping requirements have been added to B.12 (now re-numbered as B.11) (Preventive Maintenance Plan). Also, language has been added to clarify that the PMP and the PMP extension request do not need to be certified by the responsible official. "Preventive Maintenance Plans" has been replaced with "PMPs" throughout the condition, since it has already been defined. In B.12(c) language was added that says the source has a reasonable time to provide a PMP when IDEM, OAQ requests it. Basically "reasonable time" will be defined in the request for the PMP, and a time frame will be included. The record keeping requirements have also been added to the condition.

B.~~12~~**11** Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]

(a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP**s**) within ninety (90) days after issuance of this permit, including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond ~~it's~~ **the Permittee's** control, the PMP**s** cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air ~~Management~~ **Quality**
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The PMP and the PMP extension notification do not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall implement the ~~Preventive Maintenance Plans~~ **PMPs** as necessary to ensure that ~~lack of proper maintenance~~ **failure to implement a PMP** does not cause or contribute to a violation of any limitation on emissions or potential to emit.

(c) **A copy of the** PMP's shall be submitted to IDEM, OAQ, upon request **and within a reasonable time,** and shall be subject to review and approval by IDEM, OAQ. **IDEM, OAQ, may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

(d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

14. A reference to the Emergency Occurrence Report Form has been added to B.13 (now re-numbered as B.12) (Emergency Provisions) paragraph (b)(5). The emergency form is for emergencies only , and is no longer an emergency and deviation form. All deviations will now be reported on the Quarterly Deviation and Compliance Monitoring Report. Paragraph (d) part of the first sentence has been deleted. Since we know it is a TV source, then we also know the malfunction rule has been superceded by the emergency rule. Paragraph (f) "compliance" has been changed to "accordance". Paragraphs (a), (b) and (g) have also been revised to reflect rule changes to 326 IAC 2-7-16.

B.~~13~~**12** Emergency Provisions [326 IAC 2-7-16]

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation~~, except as provided in 326 IAC 2-7-16~~.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a ~~health-based or~~ technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air ~~Management~~ **Quality**, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

(5) For each emergency lasting one (1) hour or more, the Permittee submitted **the attached Emergency Occurrence Report Form or its equivalent** ~~notice~~, either ~~in writing~~ **by mail** or facsimile~~, of the emergency~~ to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air ~~Management~~ **Quality**
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) ~~for sources subject to this rule after the effective date of this rule.~~ This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.

(e) IDEM, OAQ may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(~~9~~**10**) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ by telephone or facsimile of an emergency lasting more than one (1) hour in ~~compliance~~ **accordance** with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

(g) ~~Operations may continue during an emergency only if the following conditions are met:~~

~~(1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.~~

~~(2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:~~

~~(A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and~~

~~(B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.~~

~~Any operation shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.~~

15. Condition B.14 (now re-numbered as B.13) (Permit Shield) has been revised to clarify how the permit shield affects applicable requirements from previous permits and how the permit shield affects determinations that a specific requirement is not applicable to the source and to clarify the intent of the condition. Some of the language from B.1 has been added to the condition. Paragraph (b) has been removed since B.14 Prior Permit Conditions Superceded has been added to the permit, it is not necessary for this statement to be in this condition. Some of the paragraph (c) language has been removed because it is unnecessary and would be contradictory to our revising operating permits. Construction permit terms are covered in the definition of applicable requirements. Also, the rule cite in paragraph (h) has been revised to reflect the new Article 2 rule.

B.~~14~~**13** Permit Shield [326 IAC 2-7-15] **[326 IAC 2-7-20] [326 IAC 2-7-12]**

(a) ~~This condition provides a permit shield as addressed in 326 IAC 2-7-15.~~ **Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.**

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

~~(b) The provisions of this permit take precedence over previous conditions related to an applicable requirements established by previously issued permits. Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that~~

~~(1) The applicable requirements are included and specifically identified in this permit; or~~

~~(2) The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.~~

(~~c~~**b**) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, ~~including any term or condition from a previously issued construction or operation permit~~, IDEM, OAQ shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

(~~d~~**c**) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. **Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.**

(~~e~~**d**) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

(~~f~~**e**) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).

(~~g~~**f**) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, has issued the modifications. [326 IAC 2-7-12(c)(7)]

(~~h~~**g**) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, has issued the modification. [326 IAC 2-7-12(b)(~~8~~**7**)]

16. B.15 (Multiple Exceedances) has been deleted, because 326 IAC 2-7-5(1)(E) has been repealed and B.14 (Prior Permit Conditions Superseded) was added to the permit to help clarify the intent of the new rule 326 IAC 2-1.1-9.5.

~~B.15 Multiple Exceedances [326 IAC 2-7-5(1)(E)]~~

~~Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.~~

B.14 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of previous permits issued pursuant to permitting programs approved into the state implementation plan have been either

(1) incorporated as originally stated,

(2) revised, or

(3) deleted

by this permit.

(b) All previous registrations and permits are superseded by this permit.

17. B.16 (now re-numbered as B.15) (Deviations from Permit Requirements and Conditions) has been revised to indicate that OAQ is no longer requiring sources to report deviations in 10 days. The Permittee will report deviations quarterly on the Quarterly Deviation and Compliance Monitoring Report. References to the emergency report have been removed since deviations will not be reported on that form anymore. The language regarding the OAQ's discretion to excuse failure to perform monitoring under certain conditions has been deleted. The OAQ retains this discretion to excuse minor incidents of missing data, however, it is not necessary to state criteria regarding the exercise of that discretion in the permit. The condition has also been revised to address concerns regarding the independent enforceability of permit conditions [see 40 CFR 70.6(a)(6)(i)] and to remove language that could be considered to grant exemptions from permit requirements and to clarify reporting obligations.

B.~~16~~**15** Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

(a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance ~~Branch~~ **Data Section**, Office of Air ~~Management~~ **Quality**
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

~~within ten (10) calendar days from the date of the discovery of the deviation~~ **using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.**

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit ~~or a rule. It does not include:~~.

~~(1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or~~

~~(2) An emergency as defined in 326 IAC 2-7-1(12); or~~

~~(3) Failure to implement elements of the Preventive Maintenance Plan unless such failure has caused or contributed to a deviation.~~

~~(4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.~~

~~A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.~~

(c) **Emergencies shall be included in the Quarterly Deviation and Compliance Monitoring Report.**

~~(c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~(d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.~~

18. In condition B.18 (now re-numbered as B.17) (Permit Renewal), language has been added to B.18 (a) clarify that The renewal application does require the certification by the responsible official.

B.~~18~~**17** Permit Renewal [326 IAC 2-7-4]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). **The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

19. B.19 (now re-numbered as B.18) (Permit Amendment or Modification) 326 IAC 2-7-4(f) requires all applications to be certified by the responsible official, therefore paragraph (b) has been revised to clarify that. EPA has also requested this change. Also, IDEM, OAQ does not want a source to be liable for both a TV permit violation and a rule violation. By changing paragraph (a) IDEM, OAQ is merely referencing the requirements and not mandating compliance with it.

B.~~19~~**18** Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

(a) ~~The Permittee must comply with~~ **Permit amendments and modifications are governed by** the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air ~~Management~~ **Quality**
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application ~~should~~ **shall** be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) ~~only if a certification is required by the terms of the applicable rule~~.

(c) The Permittee may implement the administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

20. In order to be in consistent with language in 326 IAC 2-7-12(b)(2), the "(D)(i)" of rule listed in (b) of B.19 (Permit Revision Under Economic Incentives and Other Programs) has been removed.

21. Condition B.21 (Changes Under Section 502(b)(10) of the Clean Air Act) has been deleted and condition B.22 (Operational Flexibility), now re-numbered as B.20, has been revised as follows. Both conditions refer to the same rule and it makes more sense for them to be combined. Condition B.21(e) has been deleted because it is only relevant to a few sources.

B.~~22~~**20** Operational Flexibility [326 IAC 2-7-20] **[326 IAC 2-7-10.5]**

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any **preconstruction** approval required by 326 IAC ~~2-1~~ **2-7-10.5** has been obtained;

(3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air ~~Management~~ **Quality**
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ in the notices specified in 326 IAC 2-7-20(b), (c), or (e)(2).

(b) **The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a).** For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

(1) A brief description of the change within the source;

(2) The date on which the change will occur;

(3) Any change in emissions; and

(4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted **is not considered an application form, report or compliance certification. Therefore, the notification** by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).

(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

~~(e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of pert (a) of this condition do not apply.~~

22. Condition B.23 has been renumbered as B.21 and renamed Source Modification Requirement. The condition has been rewritten to include requirements for source modifications.

B.2~~3~~**1** ~~Construction Permit Requirement [326 IAC 2]~~**Source Modification Requirement [326 IAC 2] [326 IAC 2-7-10.5]**

~~Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997, A modification, construction, or reconstruction shall be approved as if required by and in accordance with the applicable provisions of 326 IAC 2.~~ **A modification, construction, or reconstruction is governed by 326 IAC 2 and 326 IAC 2-7-10.5.**

23. Condition B.24 (now renumbered B.22) (Inspection and Entry) has been revised to remove the requirement for an IDEM identification card, which other agencies do not have, and to clarify confidentiality. Also, “At reasonable times” has been deleted from the condition, because neither the rule nor the statute limit us. OAQ could ask for those things at any time.

B.2~~4~~**2** Inspection and Entry [326 IAC 2-7-6(2)] **[IC 13-14-2-2]**

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, **and subject to the Permittee’s right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such,** the Permittee shall allow IDEM, OAQ, U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) Have access to and copy~~, at reasonable times~~, any records that must be kept under the conditions of this permit;

(c) Inspect~~, at reasonable times~~, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) Sample or monitor~~, at reasonable times~~, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements. ~~[326 IAC 2-7-6(6)]~~

~~(1) The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAM or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAM nor an authorized representative, may disclose the information unless and until IDEM, OAM makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]~~

~~(2) The Permittee, and IDEM, OAM acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]~~

24. 326 IAC 2-7-4(f) requires all applications to be certified by the responsible official, therefore B.25 (now re-numbered as B.23) (Transfer of Ownership or Operational Control) has been revised to clarify that. EPA has also requested this change.

B.~~25~~**23** Transfer of Ownership or Operational Control [326 IAC 2-7-11]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air ~~Management~~ **Quality**
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does ~~not~~ require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

25. The rule cite has been added to Condition B.26 (now renumbered B.24) (Annual Fee Payment) paragraph (a) and paragraph (b) has been revised to clarify the Permittee's responsibility for the timely payment of annual fees.

B.2~~6~~**4** Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

(a) The Permittee shall pay annual fees to IDEM, OAQ, within thirty (30) calendar days of receipt of a billing. **Pursuant to 326 IAC 2-7-19(b),** if the Permittee does not receive a bill from IDEM, OAQ the applicable fee is due April 1 of each year.

(b) ~~Failure~~ **Except as provided in 326 IAC 2-7-19(e), failure** to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAQ, Technical Support and Modeling Section), to determine the appropriate permit fee.

26. Condition C.4 (Incineration) has been revised to say that 326 IAC 9-1-2 is not federally enforceable.

C.4 Incineration [326 IAC 4-2][326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2. **326 IAC 9-1-2 is not federally enforceable.**

27. Condition C.6 (Operation of Equipment) has been revised as follows:

C.6 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided by statute, rule, or in this permit, ~~All~~ **all** air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are operation.

28. The rule cite in the title of C.7 (Asbestos Abatement Projects) has been changed to make it more generalized and paragraph (d) has been revised so that the Permittee understands that the asbestos notification should be certified by the owner or operator and not the responsible official.

C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] ~~[40 CFR 61.140]~~ **[40 CFR 61, Subpart M]**

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited**, pursuant to the provisions of 40 CFR 61, Subpart M,** is federally enforceable.

29. Condition C.8 (Performance Testing) is revised to specify the locations of applicable procedures and analysis methods for performance testing, add a notification requirement, and to clarify that any submittal under this condition does not require a certification by a responsible official:

C.8 Performance Testing [326 IAC 3-6]

(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing ~~methods~~ **any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures** approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air ~~Management~~ **Quality**
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. ~~The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.~~ **The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

(b) ~~All test reports must be received by IDEM, OAM within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAM, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.~~ **The Permittee shall notify IDEM, OAQ of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must by received by IDEM, OAQ not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, if the source submits to IDEM, OAQ, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

~~The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

30. Condition C.9 (Compliance Schedule) was removed from the Title V permit because it is an application requirement, not a permit requirement. A new section, Compliance Requirements, and a new condition (Compliance Requirements) has been added that refers to IDEM, OAQ's general compliance authority in 326 IAC 2-1.1-11 and reads as follows:

Compliance Requirements [326 IAC 2-1.1-11]

C.9 **Compliance Requirements [326 IAC 2-1.1-11]**

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

31. Condition C.10 (Compliance Monitoring) has been revised to allow a one time extension of the time to install and initiate any required monitoring and to clarify when compliance monitoring must begin:

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

~~Compliance with applicable requirements shall be documented as required by this permit.~~ **Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the** ~~The~~ Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment~~, no more than ninety (90) days after receipt of this permit~~. If due to circumstances beyond its control, ~~this schedule cannot be met~~ **that equipment cannot be installed and operated within ninety (90) days**, the Permittee may extend the compliance schedule **related to the equipment for** an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air ~~Management~~ **Quality**
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.
The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission units, compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

32. Condition C.11 (Maintenance of Emission Monitoring Equipment) has been added to detail the requirements for the maintenance of emission monitoring equipment.

C.11 Maintenance of Emission Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]

(a) In the event that a breakdown of the emission monitoring equipment occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem. To the extent practicable, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less frequent than required in Section D of this permit until such time as the monitoring equipment is back in operation. In the case of continuous monitoring, supplemental or intermittent monitoring of the parameter should be implemented at intervals no less often than once an hour until such time as the continuous monitor is back in operation.

(b) The Permittee shall install, calibrate, quality assure, maintain, and operate all necessary monitors and related equipment. In addition, prompt corrective action shall be initiated whenever indicated.

33. Condition C.11 (now re-numbered C.12) (Monitoring Methods) has been revised to clarify that the monitoring and testing requirement are located in Section D of the permit, as follows:

C.1~~1~~**2** Monitoring Methods [326 IAC 3] **[40 CFR 60] [40 CFR 63]**

Any monitoring or testing **required by Section D** ~~performed to meet the requirements~~ of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, **40 CFR 60 Appendix B, 40 CFR 63** or other approved methods as specified in this permit.

34. Condition C.13 (now re-numbered C.14) (Risk Management Plan) has been revised to more closely match the rule language of 40 CFR 68. Part (b) was removed because it is repetitive of (a)(2) (now (b)). They both required the same thing, and the source does not need to separately certify RMP compliance. The condition has also been revised to reflect that if a source is subject to 40 CFR 68, they should have already submitted a Risk Management Plan.

C.1~~3~~**4** Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall **submit**:

~~(a) Submit:~~

(~~1~~**a**) A compliance schedule for meeting the requirements of 40 CFR 68 ~~by the date provided in 40 CFR 68.10(a)~~; or

(~~2~~**b**) As a part of the **annual** compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); ~~and~~

~~(3) A verification to IDEM, OAM that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.~~

~~(b) Provide annual certification to IDEM, OAM that the Risk Management Plan is being properly implemented.~~

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

35. Condition C.14 (now re-numbered C.15) to clarify the contents and implementation of the compliance response plan. The language regarding the OAQ's discretion to excuse failure to perform monitoring under certain conditions has been deleted. The OAQ retains this discretion to excuse minor incidents of missing data; however, it is not necessary to state criteria regarding the exercise of that discretion in the permit. Also, in Condition C.15(c)(2) "administrative amendment" has been revised to "minor permit modification," because 326 IAC 2-7-11(a)(7) has been repealed.

C.1~~4~~**5** Compliance ~~Monitoring~~ **Response** Plan - ~~Failure to Take Response Steps~~ **Preparation, Implementation, Records, and Reports** [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) The Permittee is required to **prepare** ~~implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:~~

~~(1) This condition;~~

~~(2) The Compliance Determination Requirements in Section D of this permit;~~

~~(3) The Compliance Monitoring Requirements in Section D of this permit;~~

~~(4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and~~

~~(5) A~~ **a** Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. **A** CRP~~'s~~ shall be submitted to IDEM, OAQ upon request ~~and shall be subject to review and approval by IDEM, OAQ~~. The CRP shall be prepared within ninety (90) days after issuance of this permit by the **Permittee, supplemented from time to time by the Permittee,** ~~and~~ maintained on site, and ~~is~~ comprised of:

(~~A~~**1**) **Reasonable** response steps that ~~will~~ **may** be implemented in the event that ~~compliance related information indicates that~~ a response step is needed pursuant to the requirements of Section D of this permit; and **an expected timeframe for taking reasonable response steps.**

~~(B) A time schedule for taking reasonable response steps including a schedule for devising additional response steps for situations that may not have been predicted.~~

(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.

(b) For each compliance monitoring condition of this permit, ~~appropriate~~ **reasonable** response steps shall be taken when indicated by the provisions of that compliance monitoring condition **as follows:** ~~Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan shall constitute a violation of the permit. unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.~~

(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or

(2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.

(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, the IDEM, OAQ shall be promptly notified of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.

(4) Failure to take reasonable response steps shall constitute a violation of the permit.

(c) ~~After investigating the reason for the excursion the~~ **The** Permittee is ~~excused from taking~~ **not required to take any** further response steps for any of the following reasons:

(1) ~~The monitoring equipment malfunctioned, giving a false reading.~~ **A false reading occurs due to the malfunction of the monitoring equipment and** ~~This shall be an excuse from taking further response steps providing that~~ prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for ~~an administrative amendment~~ **a minor permit modification** to the permit, and such request has not been denied.

(3) An automatic measurement was taken when the process was not operating.

(4) The process has already returned **or is returning** to operating within "normal" parameters and no response steps are required.

(d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.

~~(d)~~**(e)** ~~Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken.~~ **The Permittee shall record all instances when response steps are taken.** In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

(f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

36. Condition C.15 (now re-numbered C.16) (Actions Related to Noncompliance Demonstrated by a Stack Test) has been revised as follows:

C.1~~5~~**6** Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate ~~corrective~~ **response** actions. The Permittee shall submit a description of these ~~corrective~~ **response** actions to IDEM, OAQ, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize **excess** emissions from the affected facility while the ~~corrective~~ **response** actions are being implemented. ~~IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserves the authority to use enforcement activities to resolve noncompliant stack tests.~~

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ may extend the retesting deadline. ~~Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.~~

(c) IDEM, OAQ reserves the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do ~~not~~ require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

37. In condition C.16 (now re-numbered C.17) (Emission Statement), language was added to clarify that emission statements should be certified by the responsible official and that regulated pollutants are defined in 326 IAC 2-7-1.

C.16~~7~~ Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]

(a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:

(1) Indicate **estimated** actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);

(2) Indicate **estimated** actual emissions of other regulated pollutants **(as defined by 326 IAC 2-7-1)** from the source, for purposes of Part 70 fee assessment.

(b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air ~~Management~~ **Quality**
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

38. Condition C.17 (Monitoring Data Availability) has been removed since it has been incorporated into C.16 (Compliance Monitoring Plan - Preparation, Implementation, Records, and Reports).

39. Condition C.18 (General Record Keeping Requirements) is revised to change the requirements for keeping records, making records available, and furnishing records, to more closely match the rule language. "monitoring" was removed so that the condition will be more generalized to all record keeping, "reports" was added to clarify that the source must keep copies of those as well. Paragraphs (b) and (c) have been removed because they were unnecessary. If the recording of the information is required, it would be specified in D sections or elsewhere in the permit. Also, part (c)(4) has been modified.

C.18 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]

(a) Records of all required ~~monitoring~~ data, **reports** and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years ~~and available upon the request of an IDEM, OAM representative~~. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a ~~written~~ request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.

~~(b) Records of required monitoring information shall include, where applicable:~~

~~(1) The date, place, and time of sampling or measurements;~~

~~(2) The dates analyses were performed;~~

~~(3) The company or entity performing the analyses;~~

~~(4) The analytic techniques or methods used;~~

~~(5) The results of such analyses; and~~

~~(6) The operating conditions existing at the time of sampling or measurement.~~

~~(c) Support information shall include, where applicable:~~

~~(1) Copies of all reports required by this permit;~~

~~(2) All original strip chart recordings for continuous monitoring instrumentation;~~

~~(3) All calibration and maintenance records;~~

~~(4) Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance failure to implement the Preventive Maintenance Plan did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.~~

~~(d)~~**(b) Unless otherwise specified in this permit,** all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

40. Condition C.21 (now re-numbered as C.19)(General Reporting Requirements) the Semi-Annual Compliance Monitoring Report is now the Quarterly Deviation and Compliance Monitoring Report. References to the emergency report has been removed, all the information is in B.13. In paragraph (d) it is clarified that the report does need to be certified by the responsible official, this change is also reflected in all the D sections and the reporting forms. EPA has also requested this change. Part (g) has been revised to clarify that quarters and semi-annual reports are based on a calendar year, not on when the permit is issued. Condition C.21 (now re-numbered as C.19) is revised as follows:

C.19 General Reporting Requirements [326 IAC 2-7-5(3)(C)] **[326 IAC 2-1.1-11]**

(a) ~~To affirm that the source has met all the compliance monitoring requirements stated in this permit~~ The source shall submit ~~a~~ **the attached** ~~Semi-Annual~~ **Quarterly Deviation and** Compliance Monitoring Report **or its equivalent**. Any deviation from ~~the~~ **permit** requirements, ~~and~~, the date(s) of each deviation**, the cause of the deviation, and the response steps taken** must be reported. **This report shall be submitted within thirty (30) days of the end of the reporting period.** The **Quarterly Deviation and** Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air ~~Management~~ **Quality**
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(d) Unless otherwise specified in this permit, ~~any semi-annual~~ **all** report**s required in Section D of this permit** shall be submitted within thirty (30) days of the end of the reporting period. ~~The~~ **All** report**s** do~~es not~~ require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

~~(e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports. The Emergency/Deviation Occurrence Report does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~(f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.~~

~~(g)~~**(e)** The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. **Reporting periods are based on calendar years.**

41. The following language has been added to every Facility Description Box to clarify that facility descriptions are not enforceable:

The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.

42. A new rule regulating styrene emissions was added to the Indiana Administrative Code, effective March, 2001. This rule, 326 IAC 20-25 (Emissions from Reinforced Plastics Composites Fabricating Emission Units), applies to owners or operators of sources that emit or have the potential to emit ten (10) tons per year of any hazardous air pollutant (HAP) or twenty-five (25) tons per year of any combination of HAPs, and that meet all of the following criteria:

(1) Manufacture reinforced plastics composites parts, products, or watercraft.
(2) Have an emission unit where resins and gel coats that contain styrene are applied and cured using the open molding process.
(3) Have actual emissions of styrene equal to or greater than three (3) tons per year.

Since this source has the potential to emit ten (10) tons per year of any hazardous air pollutant (HAP) or twenty-five (25) tons per year of any combination of HAPs, manufactures reinforced plastics composites products, have emission units where resins and gel coats that contain styrene are applied and cured using the open molding process, and have actual emissions of styrene of greater than 3 tons per year, it is subject to this rule and the source must be in compliance with the applicable requirements of the rule no later than January 1, 2002. Three new Conditions D.1.3, D.1.4, D.1.9 and D.1.13 have been added to the proposed Title V Permit to outline the requirements pursuant to 326 IAC 20-25:

D.1.3 Hazardous Air Pollutants (HAP) [326 IAC 20-25]

(a) Pursuant to 326 IAC 20-25-3(a), except as provided in 326 IAC 20-25-3 (e), (f), and (h), the Permittee shall comply with the provisions of 326 IAC 20-25-3 on or before January 1, 2002. The total HAP monomer content of the following materials used in the resin chop spray booth shall be limited depending on the application method and products produced as specified below:

TABLE I Fiber Reinforced Plastics Composites Products Except Watercraft	HAP Monomer Content, Weight Percent
Resin, Manual, or Mechanical Application	
Production-Specialty Products	**48***
Production-Noncorrosion Resistant Unfilled	**35***
Production-Noncorrosion Resistant Filled ($35% by weight)	**38**
Production, Noncorrosion Resistant, Applied to Thermoformed Thermoplastic Sheet	**42**
Production, Class I, Flame and Smoke	**60***
Shrinkage Controlled	**52**
Tooling	**43**
Gel Coat Application	
Production-Pigmented	**37**
Clear Production	**44**
Tooling	**45**
Production-Pigmented, subject to ANSI[a] standards	**45**
Production-Clear, subject to ANSI[a] standards	**50**

[a] American National Standards Institute.
*** Categories that must use mechanical nonatomized application technology or manual application as stated in subsection (b).**

(b) Pursuant to 326 IAC 20-25-3(b), except as provided in 326 IAC 20-25-3(f), the following categories of materials in 326 IAC 20-25-3(a) shall be applied using mechanical nonatomized application technology or manual application:

(1) Production noncorrosion resistant, unfilled resins from all sources.
(2) Production, specialty product resins from all sources.
(3) Tooling resins used in the manufacture of watercraft.
(4) Production resin used for Class I flame and smoke products.

(c) Pursuant to 326 IAC 20-25-3(c), unless specified in 326 IAC 20-25-3(b), gel coat application and mechanical application of resins shall be by any of the following spray technologies:

(1) Nonatomized application technology.
(2) Air-assisted airless.
(3) Airless.
(4) High volume, low pressure.
(5) Equivalent emission reduction technologies to subdivisions (2) through (4).

(d) Pursuant to 326 IAC 20-25-3(d), cleaning operations for resin and gel coat application equipment are as follows:

(1) For routine flushing of resin and gel coat application equipment such as spray guns, flowcoaters, brushes, rollers, and squeegees, a cleaning solvent shall contain no HAPs. This emission standard does not apply to solvents used for removing cured resin or gel coat from application equipment.
(2) A source must store HAP containing solvents used for removing cured resin or gel coat in containers with covers. The covers must have no visible gaps and must be in place at all times, except when equipment is placed in or removed from the container.
(3) Recycled cleaning solvents that contain less than or equal to five percent (5%) HAP by weight are considered to contain no HAP for the purposes of 326 IAC 20-25-3(d).

(e) Pursuant to 326 IAC 20-25-3(g), the Permittee may comply with this section using monthly emission averaging within each resin or gel coat application category listed in 326 IAC 20-25-3(a) without prior approval by the commissioner.

(f) Pursuant to 326 IAC 20-25-3(h), upon written application by the source, the commissioner may approve the following:

(1) Enforceable alternative emission reduction techniques that are at least equally protective of the environment as the emission standards in 326 IAC 20-25-3(a) through (d).
(2) Use of monthly emissions averaging for any or all material or application categories listed in 326 IAC 20-25-3(a) if the following conditions are met:
(A) The source shows that emissions did not exceed the emissions that would have occurred if each emission unit had met the requirements of 326 IAC 20-25-3(a) through (c).

(B) The source uses any one (1) or a combination of the following emission reduction techniques:

(i) Resins or gel coats with HAP monomer contents lower than specified in 326 IAC 20-25-3(a).
(ii) Vapor suppressed resins.
(iii) Vacuum bagging or other similar technique. This item does not include resin transfer molding or compression molding.

(iv) Air pollution control equipment where the emissions are estimated based on parametric measurements or stack monitoring.

(v) Controlled spray used in combination with automated actuators or robots.

(vi) Controlled spray that includes the following:

(AA) Mold flanges.

(BB) Spray technique.

(CC) Spray gun pressure.

(DD) Means of verifying continuous use of the controlled spray technique, such as mass balance of materials and products (surface area and thickness of product) as approved by the commissioner prior to implementation.

(vii) Emission reduction techniques approved under 326 IAC 20-25-3(h)(1).

Sources using averaging shall not use spray equipment that produces higher emissions than the equipment specified in 326 IAC 20-25-3(c)(2) through (c)(5).

(g) Pursuant to 326 IAC 20-25-3(i), to determine emission estimates, the following references or methods shall be used:

(1) "Unified Emission Factors for Open Molding of Composites", April 1999, except use of controlled spray emission factors must be approved by the commissioner.

(2) "Compilation of Emission Factors", Volume 1, Fifth Edition, and supplements, January 1995, except for hand layup and spray layup operations emission factors.

(3) Site-specific values or other means of quantification provided the site-specific values and the emission factors are acceptable to the commissioner and the U.S. EPA.

D.1.4 Work Practice Standards [326 IAC 20-25-4]

Pursuant to 326 IAC 20-25-4, Work Practice Standards, on or before March 1, 2001, the Permittee shall operate the resin chop spray booth in accordance with the following work practice standards:

(a) Nonatomizing spray equipment shall not be operated at pressures that atomize the material during the application process.

(b) Except for mixing containers as described in 326 IAC 20-25-4(7), HAP containing materials shall be kept in a closed container when not in use.

(c) Solvents sprayed during cleanup and resin changes shall be directed into solvent collection containers.

(d) Solvent collection containers shall be kept closed when not in use.

(e) Clean-up rags with solvent shall be stored in closed containers.

(f) Closed containers shall be used for the storage of the following:

(1) All production and tooling resins that contain HAPs.

(2) All production and tooling gel coats that contain HAPs.

(3) Waste resins and gel coats that contain HAPs.

(4) Cleaning materials, including waste cleaning materials.

(5) Other materials that contain HAPs.

(g) All resin and gel coat mixing containers with a capacity equal to or greater than fifty-five (55) gallons must have a cover with no visible gaps in place at all times except when material is being added to or removed from a container, or when mixing or pumping equipment is being placed in or removed from a container.

D.1.9 Hazardous Air Pollutants (HAPs) [326 IAC 20-25-5]

Pursuant to 326 IAC 20-25-5(c), compliance with the HAP monomer content and usage limitations specified in condition D.1.3 shall be determined using one (1) of the following:

(a) The manufacturer's certified product data sheet.
(b) The manufacturer's material safety data sheet.
(c) Sampling and analysis, using any of the following test methods, as applicable:
(1) 40 CFR 60, Method 24, Appendix A (July 1, 1998), shall be used to measure the total volatile HAP content of resins and gel coats. Method 24 may be modified for measuring the volatile HAP content of resins or gel coats to require that the procedure be performed on uncatalyzed resin or gel coat samples.
(2) 40 CFR 63, Method 311, Appendix A (July 1, 1998), shall be used to measure HAP content in resins and gel coats by direct injection into a gas chromatograph.
(3) Upon written application by the source, the commissioner may approve an alternative test method.

When a MSDS, a certified product data sheet, or other document specifies a range of values, the values resulting in the greatest calculated emissions shall be used for determining compliance with condition D.1.3.

D.1.13 Record Keeping Requirements [326 IAC 20-25-6]

(a) Pursuant to 326 IAC 20-25-6(a), on and after January 1, 2002, the Permittee shall maintain records that are complete and sufficient to establish compliance with the requirements of 326 IAC 20-25. Examples of such records are as follows:

(1) Purchase orders.
(2) Invoices.
(3) Material safety data sheets (MSDS).
(4) Manufacturer's certified product data sheets.
(5) Calculations.
(6) Other records to confirm compliance.

(b) Pursuant to 326 IAC 20-25-6(b), the Permittee shall maintain records of all information, including all reports and notifications required by 326 IAC 20-25. Such records shall be recorded in a form suitable and readily available for inspection and review. Except as provided in 326 IAC 20-25-8(d), the records shall be retained for at least five (5) years following the date of each occurrence, measurement, or record. At a minimum, the most recent two (2) years of data shall be retained on site. The remaining three (3) years of data may be retained off site.

43. The emission limit established in Condition D.1.1 to satisfy the requirements of 326 IAC 8-1-6 is for volatile organic compounds (VOC), not for volatile organic HAP. HAP mentioned in Conditions D.1.1(a), D.1.5 (now re-numbered as D.1.7) and D.1.6 (now re-numbered as D.1.8) has been changed to VOC, as follows:

D.1.1 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

The resin chop spray booth shall be in compliance with 326 IAC 8-1-6 by operating with the following work practices, which is considered to be the Best Available Control Technology (BACT):

(c) Use of resins and gel coats shall be limited such that the potential to emit (PTE) volatile organic ~~HAP~~ **compounds (VOC)** from resins and gel coats only shall be less than 100 tons per year, per twelve (12) consecutive months. Compliance with this limit shall be determined based upon the following criteria:

(1) Monthly usage by weight, monomer content, method of application, and other emission reduction techniques for each gel coat and resin shall be recorded. Volatile organic ~~HAP~~ **compounds (VOC)** emissions shall be calculated by multiplying the usage of each gel coat and resin by the emission factor that is appropriate for the monomer content, method of application, and other emission reduction techniques for each gel coat and resin, and summing the emissions for all gel coats and resins. Emission factors shall be obtained from the reference approved by IDEM, OAQ.

D.~~1.5~~**1.7** ~~Hazardous Air Pollutants (HAP)~~ **Volatile Organic Compounds (VOC)**

Compliance with the ~~HAP~~ **VOC** content and usage limitations contained in Condition D.1.1 shall be determined pursuant to 326 IAC 8-1-4(a)(3) and 326 IAC 8-1-2(a) using formulation data supplied by the coating manufacturer. IDEM, OAQ reserves the authority to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.~~1.6~~**1.8** ~~HAP~~ **VOC** Emissions

Compliance with condition D.1.1 shall be demonstrated within 30 days of the end of each month based on the total volatile organic compound usage for the most recent 12 month Period.

44. 326 IAC 6-3 (Process Operations) has recently been revised. However, the previous version of 326 IAC 6-3 has been approved into the SIP will remain applicable requirement until the revisions to 326 IAC 6-3 are approved into the SIP and the condition is modified in a subsequent permit action. The following change has been made to Condition D.1.3 (now re-numbered as D.1.5) to clarify that the authority for this condition is from the SIP:

D.1.~~3~~**5** Particulate Matter (PM) ~~[326 IAC 6-3-2(c)]~~ **[40 CFR 52 Subpart P]**

Pursuant to [40 CFR 52 Subpart P], ~~T~~**t**he PM from the resin chop and coping paint booths shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour

45. Condition D.1.7 (now renumbered as D.1.10) has been revised to be in consistent with the language in the revised 326 IAC 6-3, as follows:

D.1.~~7~~**10** Particulate ~~Matter (PM)~~ **[326 IAC 6-3-2(d)]**

Pursuant to 326 IAC 6-3-2(d), ~~The dry filters for PM control shall be in operation at all times when~~ **particulate from** the two (2) paint booths ~~are in operation~~ **shall be controlled by dry particulate filters, and the Permittee shall operate the control device in accordance with manufacturer's specifications.**

46 Condition D.1.9 (now re-numbered as D.1.12)(Record Keeping Requirements) has been revised as follows:

D.1.~~9~~**12** Record Keeping Requirements

(a) To document compliance with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the ~~HAP~~ **VOC** usage limits and/or the ~~HAP~~ **VOC** emission limits established in Condition D.1.1:

(1) ~~The amount and styrene monomer content of resins used, total unreacted styrene monomer (7.0% and 9.8% of resin used for polyester resins with 35% and 39% styrene content, respectively; for resins with styrene content other than 35% and 39%, emission factors approved by OAQ should be used), and the amount and HAP content of each coating material, and solvent used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents;~~
The usage by weight and monomer content of each resin and gel coat. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used;

(2) A log of the month of use;

(3) The cleanup solvent usage for each month; and

(4) The weight of ~~HAP~~ **VOC** emitted for each compliance period.

(b) To document compliance with Conditions D.1.~~8~~**10** and D.1.~~9~~**11**, the Permittee shall maintain a log of weekly overspray observations, daily and monthly inspections, and those additional inspections prescribed by the Preventive Maintenance Plan.

(c) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

47. Condition D.1.10 (now re-numbered as D.1.14)(Reporting Requirements) has been revised to indicate that the report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34), as follows:

D.1.1~~0~~**14** Reporting Requirements

A quarterly summary of the information to document compliance with Condition D.1.1 shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. **The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).**

48. Emergency/Deviation Occurrence Report Form is now called the Emergency Occurrence Report. All references to deviations have been removed. These forms should be sent to the Compliance Branch, not the Compliance Data Section. US EPA has agreed to allow the 2 day notification to come in without the responsible official certification as long as the emergencies are included in the Quarterly Deviation and Compliance Monitoring Report. That report is certified by the responsible official, therefore will comply with the Part 70 requirement to have all reports certified.

49. The Semi-Annual Compliance Monitoring Report, is now called the Quarterly Deviation and Compliance Monitoring Report. The form now requires the source to not only report that there were deviations, but to also include the probable cause and the response steps taken. OAQ is no longer requiring sources to report deviations in ten days, therefore every source will need to submit this report quarterly. For sources with an applicable requirement which gives an alternate schedule for reporting deviations, those deviations will not need to be reported quarterly, but instead should be reported according to the schedule in the applicable requirement.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY

COMPLIANCE ~~DATA SECTION~~ BRANCH
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967

PART 70 OPERATING PERMIT
EMERGENCY~~/DEVIATION~~ OCCURRENCE REPORT

Source Name: Fort Wayne Pools, Inc.
Source Address: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Mailing Address: ~~510 Sumpter Dr., Fort Wayne, IN 46804~~
6930 Gettysburg Pike, Fort Wayne, IN 46804
Part 70 Permit No.: T003-6933-00071

This form consists of 2 pages **Page 1 of 2**

~~Check either No. 1 or No.2~~
9 ~~1.~~ This is an emergency as defined in 326 IAC 2-7-1(12) C The Permittee must notify the Office of Air Quality (OAQ), within four (**4**) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and C The Permittee must submit notice ~~in writing~~ by mail or ~~by~~ facsimile within two (**2**) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
~~9 2. This is a deviation, reportable per 326 IAC 2-7-5(3)(C)~~ ~~C The Permittee must submit notice in writing within ten (**10**) calendar days~~

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency~~/Deviation~~:
Describe the cause of the Emergency~~/Deviation~~:

If any of the following are not applicable, mark N/A **Page 2 of 2**

Date/Time Emergency~~/Deviation~~ started:
Date/Time Emergency~~/Deviation~~ was corrected:
Was the facility being properly operated at the time of the emergency/~~deviation~~? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency~~/deviation~~:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by: _____

Title / Position: _____

Date: _____

Phone: _____

A certification is not required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

PART 70 OPERATING PERMIT
~~SEMI-ANNUAL~~ QUARTERLY DEVIATION and COMPLIANCE MONITORING REPORT

Source Name: Fort Wayne Pools, Inc.
Source Address: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Mailing Address: ~~510 Sumpter Dr., Fort Wayne, IN 46804~~
6930 Gettysburg Pike, Fort Wayne, IN 46804
Part 70 Permit No.: T003-6933-00071

Months: _____ to _____ Year: _____

This report is an affirmation that the source has met all the ~~compliance monitoring~~ requirements stated in this permit. This report shall be submitted ~~semi-annually~~ **quarterly** based on a calendar year. Any deviation from the ~~compliance monitoring~~ requirements, ~~and~~ the date(s) of each deviation, **the probable cause of the deviation, and the response steps taken** must be reported. ~~with the following exceptions:~~ **Deviations that are required to be reported by an applicable requirement shall be reported according to the schedule stated in the applicable requirement and do not need to be included in this report.** Additional pages may be attached if necessary. ~~This form can be supplemented by attaching the Emergency/Deviation Occurrence Report.~~ If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

~~**Compliance Monitoring**~~ **Permit Requirement** (specify permit condition #)	
Date of ~~each~~ Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

~~**Compliance Monitoring**~~ **Permit Requirement** (specify permit condition #)	
Date of ~~each~~ Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Page 2 of 2

~~Compliance Monitoring~~ **Permit Requirement** (specify permit condition #)	
Date of ~~each~~ Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

~~Compliance Monitoring~~ **Permit Requirement** (specify permit condition #)	
Date of ~~each~~ Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

~~Compliance Monitoring~~ **Permit Requirement** (specify permit condition #)	
Date of ~~each~~ Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By: ______________________________

Title/Position: ______________________________

Date: ______________________________

Phone: ______________________________

Attach a signed certification to complete this report.

50. Part 70 Quarterly Report form has been revised to show that emissions reported are for VOC not for HAPs, as follows:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION

Part 70 Quarterly Report

Source Name: Fort Wayne Pools, Inc.
Source Address: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Mailing Address: ~~510 Sumpter Dr., Fort Wayne, IN 46804~~
6930 Gettysburg Pike, Fort Wayne, IN 46804
Part 70 Permit No.: T003-6933-00071
Facility: Resin Chop Spray Booth
Parameter: Volatile Organic Compounds Emissions
Limit: Volatile Organic Compounds emissions (calculated by using emission factors obtained from the reference approved by IDEM, OAQ.) shall be less than 100 tons per twelve (12) month period.

YEAR: _____

Month	Total ~~HAP~~ **VOC** Emissions This Month (tons)	Previous 11 Month ~~HAP~~ **VOC** Emissions (tons)	12 Month Total ~~HAP~~ **VOC** Emissions (tons)
Month 1			
Month 2			
Month 3			

9 No deviation occurred in this quarter.

9 Deviation/s occurred in this quarter.
Deviation has been reported on: _____

Submitted by: _____
Title / Position: _____
Signature: _____
Date: _____
Phone: _____

Attach a signed certification to complete this report.

Indiana Department of Environmental Management
Office of Air Management

Technical Support Document (TSD) for a Part 70 Operating Permit

Source Background and Description

Source Name:	**Fort Wayne Pools, inc.**
Source Location:	**6930 Gettysburg Pike, Fort Wayne, IN 46804**
County:	**Allen**
SIC Code:	**3083**
Operation Permit No.:	**T003-6933-00071**
Permit Reviewer:	**Scott Pan / EVP**

The Office of Air Management (OAM) has reviewed a Part 70 permit application from Fort Wayne Pools, Inc. relating to the operation of a fiberglass reinforced plastic pool steps, filler panels and pool supports manufacturing plant.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

(a) one (1) airless fiberglass resin chop spray booth and reinforcement areas, identified as EU-7, capable of processing 650 pounds of resin per hour for producing pool steps and filler panels, equipped with an electric dry oven, using dry filters for overspray particulate matter control, and exhausting through one (1) stack, identified as S-7; and

(b) one (1) air atomization coping paint spray booth for pool trim, identified as EU-12, with a maximum coating material and accessory solvent usage rate of 2.21 pounds per hour, exhausting through one (1) stack, identified as S-12.

Other facilities listed in either Permit OP 02-12-88-0651, issued on March 4, 1985 or CP 033-4356-00071 that are not listed in this section or under the insignificant activities have been sold and, therefore, are not included in this review.

Unpermitted Emission Units and Pollution Control Equipment

There are no unpermitted facilities operating at this source during this review process.

Emission Units and Pollution Control Equipment Under Enhanced New Source Review (ENSR)

There are no new facilities to be reviewed under the ENSR process.

Insignificant Activities

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

(a) one (1) grinding and machining operation, identified as EU-11, capable of processing 5.0 steps per hour, with particulate matter emissions controlled by a cyclone and dry filters system;

(b) one (1) natural gas fired air make-up unit, rated at 3.5 million British thermal units (mmBtu) per hour, exhausting through one (1) stack, identified as G-13;

(c) one (1) natural gas fired air make-up unit, rated at 1.96 mmBtu per hour, exhausting through one (1) stack, identified as G-14;

(d) twelve (12) natural gas fired space heaters, each rated at 0.4 mmBtu per hour, and each exhausting through one (1) stack, identified as G-1 through G-12;

(e) one (1) welding booth for coping and pool supports, exhausting through one (1) stack, identified as S-13;

(f) vessels (55 gallon drums) storing lubricating oils, hydraulic oils, machining oils, and machining fluids;

(g) equipment relating to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment;

(h) replacement of repair of electrostatic precipitators, bags in baghouse and filters in other air filtration equipment;

(i) paved and unpaved roads and parking lots with public access; and

(j) usage of trichloroethylene (2.5 gallons per year) in the pool liner operation.

Existing Approvals

The source has been operating under the following approvals:

(a) OP 02-12-88-0651, issued on March 4, 1985.

(b) CP 003-4356-00071, issued on October 31, 1995.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the Part 70 permit be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete Part 70 permit application for the purposes of this review was received on October 16, 1996. Additional information was received on October 27, 1997.

A notice of completeness letter was mailed to Fort Wayne Pools, Inc. on October 26, 1996.

Emission Calculations

See Appendix A of this document for detailed emissions calculations (3 pages).

Potential Emissions

Pursuant to 326 IAC 1-2-55, Potential Emissions are defined as "emissions of any one (1) pollutant which would be emitted from a facility, if that facility were operated without the use of pollution control equipment unless such control equipment is necessary for the facility to produce its normal product or is integral to the normal operation of the facility."

Pollutant	Potential Emissions (tons/year)
PM	greater than 250
PM-10	greater than 250
SO_2	less than 100
VOC	greater than 250
CO	less than 100
NO_x	less than 100

Note: For the purpose of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration.

HAP's	Potential Emissions (tons/year)
Styrene	greater than 10
Toluene	less than 10
MEK	less than 10
Glycol Ether	less than 10
Trichloroethylene	less than 10
TOTAL	greater than 25

(a) The potential emissions (as defined in the Indiana Rule) of VOC are equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

(b) The potential emissions (as defined in Indiana Rule) of any single HAP is equal to or greater than ten (10) tons per year and the potential emissions (as defined in Indiana Rule) of a combination HAPs is greater than or equal to twenty-five (25) tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

(c) Fugitive Emissions
Since this type of operation is not one of the 28 listed source categories under 326 IAC 2-2 and since there are no applicable New Source Performance Standards that were in effect on August 7, 1980, the fugitive particulate matter (PM) and volatile organic compound (VOC) emissions are not counted toward determination of PSD and Emission Offset applicability.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the 1995 actual emissions provided in the Part 70 permit application.

Pollutant	Actual Emissions (tons/year)
PM	0.0
PM-10	0.0
SO_2	0.0
VOC	21.7
CO	0.0
Styrene	18.5
NO_x	0.0

Limited Potential to Emit

The table below summarizes the total limited potential to emit of the significant emission units.

	Limited Potential to Emit (tons/year)							
Process/facility	PM	PM-10	SO_2	VOC	CO	NO_X	Single HAP	HAPs
Chop Area	4.3	4.3	0.0	113.5	0.0	0.0	99.0	99.0
Coping Paint Booth	0.2	0.2	0.0	8.8	0.0	0.0	3.7	4.1
Combustion	0.3	0.3	0.0	0.3	3.8	4.5	0.0	0.0
Grinding & Machining	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible	Negligible
Total Emissions	4.8	4.8	0.0	122.6	3.8	4.5	99.0	103.1

County Attainment Status

The source is located in Allen County.

Pollutant	Status
PM-10	attainment
SO_2	attainment
NO_2	attainment
Ozone	attainment
CO	attainment
Lead	attainment

(a) Volatile organic compounds (VOC) and oxides of nitrogen (NO_X) are precursors for the formation of ozone. Therefore, VOC and NO_X emissions are considered when evaluating the rule applicability relating to the ozone standards. Allen County has been designated as attainment or unclassifiable for ozone.

Part 70 Permit Conditions

This source is subject to the requirements of 326 IAC 2-7, pursuant to which the source has to meet the following:

(a) Emission limitations and standards, including those operational requirements and limitations that assure compliance with all applicable requirements at the time of issuance of Part 70 permits.

(b) Monitoring and related record keeping requirements which assume that all reasonable information is provided to evaluate continuous compliance with the applicable requirements.

Federal Rule Applicability

(a) There are no New Source Performance Standards (326 IAC 12, 40 CFR Part 60) applicable to this source.

(b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAP, 40 CFR Part 63) applicable to this source.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration, PSD) and 40 CFR 52.21

This source is not subject to the requirements of 326 IAC 2-2 (PSD), because the source is not one of the 28 listed source categories and the source wide PM and PM-10 emissions are controlled to less than 250 tons per year and VOC emissions are limited to less than 250 tons per year, and the potential emissions for all other regulated pollutants are less than 250 tons per year.

326 IAC 2-6 (Emission Reporting)

This source is subject to 326 IAC 2-6 (Emission Reporting), because it has the potential to emit more than one hundred (100) tons per year) of VOC. Pursuant to this rule, the owner/operator of the source must annually submit an emission statement for the source. The annual statement must be received by July 1 of each year and contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8)(Emission Statement Operating Year).

326 IAC 5-1 (Opacity Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period, as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

326 IAC 6-4 (Fugitive Dust Emissions)

This source is subject to 326 IAC 6-4 for fugitive dust emissions. Pursuant to 326 IAC 6-4 (Fugitive Dust Emissions), fugitive dust shall not be visible crossing the boundary or property line of a source. Observances of visible emissions crossing property lines may be refuted by factual data expressed in 326 IAC 6-4-2(1), (2) or (3).

State Rule Applicability - Individual Facilities

326 IAC 2-1-3.4 (New Source Toxics Control)

Pursuant to 326 IAC 2-1-3.4 (New Source Toxics Control), any new process or production unit, which in and of itself emits or has the potential to emit (PTE) 10 tons per year of any HAP or 25 tons per year of any combination of HAPs, must be controlled using technologies consistent with Maximum Achievable Control Technology (MACT). All facilities at the source were constructed before the rule promulgation date of July 27, 1997, and therefore, are not subject to the requirements of 326 IAC 2-1-3.4.

326 IAC 6-3-2 (Process Operations)

Pursuant to 326 IAC 6-3-2 (Process Operations), the particulate matter (PM) overspray from the fiberglass resin chop spray booth and reinforcement areas and the coping paint booth shall be limited by the following:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$E = 4.10 P^{0.67}$ where E = rate of emission in pounds per hour and
P = process weight rate in tons per hour

The fiberglass resin chop spray booth and reinforcement areas and the coping paint booth shall be in compliance with 326 IAC 6-3-2 by using air filters to control overspray particulate matter emissions when these processes are in operation.

Additionally, the particulate matter emissions from the cyclone and air filter system controlling grinding and machining operation shall be limited 1.86 pounds per hour based on a process weight rate of 617 pounds per hour. The source will comply with the rule by operating the cyclone and air filter system all times when the grinding and machining equipment is in operation and control the PM emissions from grinding and machining operation to 0.01 pounds per hour.

326 IAC 8-1-6 (New Facilities, General Reduction Requirements)

This rule applies to facilities located anywhere in the state that were constructed on or after January 1, 1980, and which have potential volatile organic compound (VOC) emissions of 25 tons per year or more and are not otherwise regulated by other provisions of article 8. The compliance with 326 IAC 8-1-6 for the chop spray booth shall be accomplished by:

(a) Use of resins and gel coats shall be limited such that the potential to emit (PTE) volatile organic HAP from resins and gel coats only shall be less than 100 tons per year, per twelve (12) consecutive months. Compliance with this limit shall be determined based upon the following criteria:

(1) Monthly usage by weight, monomer content, method of application, and other emission reduction techniques for each gel coat and resin shall be recorded. Volatile organic HAP emissions shall be calculated by multiplying the usage of each gel coat and resin by the emission factor that is appropriate for the monomer content, method of application, and other emission reduction techniques for each gel coat and resin, and summing the emissions for all gel coats and resins. Emission factors shall be obtained from the reference approved by IDEM, OAM.

(2) Until such time that new emissions information is made available by U.S. EPA in its AP-42 document or other U.S. EPA- approved form, emission factors shall be taken from the following reference approved by IDEM, OAM: "CFA Emission Models for the Reinforced Plastics Industries," Composites Fabricators Association, February 28, 1998, and shall not exceed 32.3% styrene emitted per weight of gel coal applied and 17.7% styrene emitted per weight of resin applied. For the purposes of these emission calculations, monomer in resins and gel coats that is not styrene shall be considered as styrene on an equivalent weight basis.

(b) Resins and gel coats used, including filled resins and tooling resins and gel coats, shall be limited to maximum monomer contents of 35 percent (35%) by weight for resins, 37 percent (37%) by weight for gel coats or their equivalent on an emissions mass basis. Monomer contents shall be calculated on a neat basis, i.e., excluding any filler. Compliance with these monomer content limits shall be demonstrated on a monthly basis.

Pursuant to CP003-4356-00071, the Best Available Control Technology (BACT) determined for manufacturing steps using plexiglass acrylic sheets shall be using resins with 39% styrene content. The 39% styrene content resins are required to achieve proper adhesion. The resins with 39% styene content used for manufacturing steps using plexiglass acrylic sheets shall not be included in calculating the monomer content limits described in the next paragraph.

The use of resins with monomer contents lower than 35%, gel coats with monomer contents lower than 37%, and/or additional emission reduction techniques approved by IDEM, OAM, may be used to offset the use of resins with monomer contents higher than 35%, and/or gel coats with monomer contents higher than 37%. Examples of other techniques include, but are not limited to, lower monomer content resins and gel coats, closed molding, vapor suppression, vacuum bagging, controlled spraying, or installing a control device with an overall reduction efficiency of 95%. This is allowed to meet the monomer content limits for resins and gel coats, and shall be calculated on an equivalent emissions mass basis as shown below:

(Emissions from >35% resin or >37% gel coat) - (Emissions from 35% resin or 37% gel coat) $\leq$ (Emissions from 35% resin or 37% gel coat) - (Emissions from <35% resin, <37% gel coat, and or other emission reduction techniques).

Where: Emissions, lb or ton = M (mass of resin or gel coat used, lb or ton) * EF (Monomer emission factor for resin or gel cat used, %):

EF, Monomer emission factor = emission factor, expressed as % styrene emitted per weight of resin applied, which is indicated by the monomer content, method of application, and other emission reduction techniques for each gel coat and resin used.

(c) Flow coaters, a type of non-spray application technology of a design and specifications to be approved by IDEM, OAM, shall be used in the following manner:

(1) to apply 50% of all neat resins within 6 months of commencement of operation.

(2) to apply 100% of all neat resins used within 1 year of commencement of operation.

If, after 1 year of operation it is not possible to apply a portion of neat resins with flow coaters, equivalent emissions reductions must be obtained via use of other techniques, such as those listed in (b) above, elsewhere in the process.

(d) Optimized spray techniques according to a manner approved by IDEM shall be used for gel coats and filled resins (where fillers are required for corrosion or fire retardant purposes) at all times. Optimized spray techniques include, but are not limited to, the use of airless, air-assisted airless, high volume low pressure (HVLP), or other spray applicators demonstrated to the satisfaction of IDEM, OAM, to be equivalent to the spray applicators listed above.

HVLP spray is the technology used to apply material to substrate by means of coating application equipment that operates between one-tenth (0.1) and ten (10) pounds per square inch gauge (psig) air pressure measured dynamically at the center of the air cap and at the air horns of the spray system.

(e) The listed work practices shall be followed:

(1) To the extent possible, a non-VOC, non-HAP solvent shall be used for cleanup.

(2) Cleanup solvent containers used to transport solvent from drums to work stations shall be closed containers having soft gasketed spring-loaded closures.

(3) Cleanup rags saturated with solvent shall be stored, transported, and disposed of in containers that are closed tightly.

(4) The spray guns used shall be the type that can be cleaned without the need for spraying the solvent into the air.

(5) All solvent sprayed during cleanup or resin changes shall be directed into containers, such containers shall be closed as soon as solvent spraying is complete and the waste solvent shall be disposed of in such a manner that evaporation is minimized.

(6) Storage containers used to store VOC- and/or HAP- containing materials shall be kept covered when not in use.

326 IAC 8-2-9 (Miscellaneous Metal Coating)

The source is not subject to the requirements of 326 IAC 8-2-9 (Miscellaneous Metal Coating Operations). The potential VOC emissions from the metal surface coating operation in the coping paint booth, EU-12 (constructed in 1980), are less than 25 tons per year. Therefore, pursuant to 326 IAC 8-2-1, the 326 IAC 8-2-9 rules do not apply.

Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAM, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in permit Section D are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also in permit Section D. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The compliance monitoring requirements applicable to this source are as follows:

The fiberglass resin chop spray booth and reinforcement areas has applicable compliance monitoring conditions as specified below:

(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters.

(b) Weekly observations shall be made of the overspray from the coating booth stacks.

(c) Monthly inspections shall be performed of the coating emissions from the stack and the presence of overspray on the rooftops and the nearby ground.

These monitoring conditions are necessary because the emission limit and the work practices must be followed to ensure compliance with 326 IAC 6-3-2 and 326 IAC 2-7 (Part 70).

Air Toxic Emissions

Indiana presently requests applicants to provide information on emissions of the 187 hazardous air pollutants set out in the Clean Air Act Amendments of 1990. These pollutants are either carcinogenic or otherwise considered toxic and are commonly used by industries. They are listed as air toxics on the Office of Air Management (OAM) Part 70 Application Form GSD-08.

(1) This source will emit levels of air toxics greater than those that constitute major source applicability according to Section 112 of the Clean Air Act.

Conclusion

The operation of this fiberglass reinforced plastic pool steps, filler panels and pool supports manufacturing plant shall be subject to the conditions of the attached proposed **Part 70 Permit No. T003-6933-00071.**

Appendix A: Emissions Calculations
VOC and Particulate
From Surface Coating Operations

Company Name: Fort Wayne Pools, Inc.
Address City IN Zip: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Part 70 #: T003-6933
Plt ID: 003-00071
Reviewer: Scott Pan / EVP
Date: October 27, 1998

Material	Density (Lb/Gal)	Weight % Volatile (H20& Organics)	Weight % Water	Weight % Organics	Volume % Water	Volume % Non-Vol (solids)	Material Usage Rate (lb/hr)	Flash Off (%)	Pounds VOC per gallon of coating less water	Pounds VOC per gallon of coating	Potential VOC pounds per hour	Potential VOC pounds per day	Potential VOC tons per year	Particulate Potential ton/yr	lb VOC /gal solids	Transfer Efficiency
Glass/Resin Chop Area																
Polyester Resin	10.83	39.00%	0.0%	39.0%	0.0%	61.00%	650.000	9.8%	4.22	4.22	63.70	1528.80	279.01	434.17	6.92	75%
MEKP	9.75	100.00%	0.0%	100.0%	0.0%	0.00%	9.850	1.0%	9.75	9.75	0.10	2.36	0.43	0.00		100%
Ease Release	7.00	96.20%	0.0%	96.2%	0.0%	3.80%	0.043	100.0%	6.73	6.73	0.04	0.99	0.18	0.00	177.21	75%
280 Super Flush	8.86	100.00%	0.0%	100.0%	0.0%	0.00%	3.090	100.0%	8.86	8.86	3.09	74.16	13.53	0.00		100%
Super Blue	8.50	88.00%	0.0%	88.0%	0.0%	0.00%	0.480	100.0%	7.48	7.48	0.42	10.14	1.85	0.00		100%
Coping Paint Booth (unpermitted)																
Coping Paint Thinner	6.60	100.00%	0.0%	100.0%	0.0%	0.00%	1.310	100.0%	6.60	6.60	1.31	31.44	5.74	0.00		100%
Toluene	7.25	100.00%	0.0%	100.0%	0.0%	0.00%	0.435	100.0%	7.25	7.25	0.44	10.44	1.91	0.00		100%
Coping Paint	9.27	54.95%	0.0%	55.0%	0.0%	27.81%	0.460	100.0%	5.09	5.09	0.25	6.07	1.11	0.23	18.32	75%
Pool Liners																
Trichloroethylene	12.16	100.00%	0.0%	100.0%	0.0%	0.00%	0.020	100.0%	12.16	12.16	0.02	0.48	0.09	0.00		75%
Uncontrolled Potential Emissions											**69.37**	**1664.88**	**303.84**	**434.40**		

	Control Efficiency:		Controlled	Controlled	Controlled	Controlled
	VOC (Chop Area)	PM	VOC lbs per Hour	VOC lbs per Day	VOC tons per Year	PM tons/yr
Controlled Potential Emissions:	35.48%	99.00%	**69.37**	**1664.88**	**113.51**	**4.34**

METHODOLOGY

Pounds of VOC per Gallon Coating less Water = (Density (lb/gal) * Weight % Organics) / (1-Volume % water)
Pounds of VOC per Gallon Coating = (Density (lb/gal) * Weight % Organics)
Potential VOC Pounds per Hour (for Resin)= Pounds of Resin per Hour (lb/hr) * Flash Off (%)
Potential VOC Pounds per Hour (for non-Resin coatings)= Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * Flash Off (%)
Potential VOC Pounds per Day = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (24 hr/day) * Flash Off (%)
Potential VOC Tons per Year = Pounds of VOC per Gallon coating (lb/gal) * Gal of Material (gal/unit) * Maximum (units/hr) * (8760 hr/yr) * (1 ton/2000 lbs) * Flash Off (%)
Particulate Potential Tons per Year = (units/hour) * (gal/unit) * (lbs/gal) * (1- Weight % Volatiles) * (1-Transfer efficiency) *(8760 hrs/yr) *(1 ton/2000 lbs)
Pounds VOC per Gallon of Solids = (Density (lbs/gal) * Weight % organics) / (Volume % solids)
HAP emissions from Chop Area are limited at 99 tons per year.

Appendix A: Emissions Calculations

(Toxics emissions)

Company Name: Fort Wayne Pools, Inc.
Address City IN Zip: 6930 Gettysburg Pike, Fort Wayne, IN 46804
Part 70 #: T003-6933
Plt ID: 003-00071
Reviewer: Scott Pan / EVP
Date: October 27, 1998

Coating or Solvent	Maximum Usage Rate (lb/hr)	Coating or Solvent Density lb/gal	Annual Wt. of coating or solvent used lb/yr	Flash Off (%)	Toxic A Styrene Wt. % tons/yr	Toxic B Toluene Wt. % tons/yr	Toxic C MEK Wt. % tons/yr	Toxic D Trichloro-ethylene Wt. % tons/yr	Toxic E Glycol Ether Wt. % tons/yr	Toxic F Dimethyl Phthalate Wt. % tons/yr	All Toxics tons/yr
Glass/Resin Chop Area											
Polyester Resin	650.00	10.83	1678591	9.80%	39.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
				(of Resin used)	82.25	0.00	0.00	0.00	0.00	0.00	82.251
Ease Release	0.04	7.00	129	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
					0.00	0.00	0.00	0.00	0.00	0.00	0.00
280 Super Flush	3.09	8.86	9255	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
					0.00	0.00	0.00	0.00	0.00	0.00	0.000
Coping Paint Booth											
Coping Paint Thinner	1.31	6.60	11476	100.00%	0.00%	20.00%	0.00%	0.00%	0.00%	0.00%	
					0.00	1.15	0.00	0.00	0.00	0.00	1.148
Toluene	0.44	7.25	3811	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	
					0.00	1.91	0.00	0.00	0.00	0.00	1.905
Coping Paint	0.46	9.27	4030	100.00%	0.00%	30.00%	10.00%	0.00%	10.00%	0.00%	
					0.00	0.60	0.20	0.00	0.20	0.00	1.007
Pool Liners											
1,1,1-Trichloroethlene	0.02	12.16	175	100.00%	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	
					0.00	0.00	0.00	0.09	0.00	0.00	0.088
Air Toxics Emissions (tons/yr)					**82.25**	**3.66**	**0.20**	**0.09**	**0.20**	**0.00**	**86.40**

METHODOLOGY

All coatings reflect "as applied" by the applicator.
Annual Usage (ton/yr) = Usage rate (gal/hr) * 8,760 (hrs/yr) * Density (lb/gal) / 2000 (lb/ton)
Air Toxic Tons per Year = Annual Usage (tons/yr) * Weight % Air Toxic

Appendix A: Emission Calculations
Natural Gas Combustion

Company Name: **Fort Wayne Pools, Inc.**
Address City IN Zip: **6930 Gettysburg Pike, Fort Wayne, IN 46804**
Part 70 #: **T003-6933**
Plt ID: **003-00071**
Reviewer: **Scott Pan / EVP**
Date: **August 25, 1998**

Heat Input Capacity (mmBtu/hr): 10.260

Potential Throughput (mmCF/yr): 89.9

(12 space heaters & 2 air make-up units)

	Pollutant					
	PM	PM10	SO2	NOx	VOC	CO
Emission Factor in lb/MMCF	7.6	7.6	0.6	100.0	5.5	84.0
Potential Emission in tons/yr	0.34	0.34	0.03	4.49	0.25	3.77

Methodology:
MMBtu = 1,000,000 Btu
MMCF = 1,000,000 Cubic Feet of Gas
Potential Throughput (MMCF) = Heat Input Capacity (MMBtu/hr) x 8,760 hrs/yr x 1 MMCF/1,000 MMBtu
Emission Factors from AP 42, Chapter 1.4, Tables 1.4-1, 1.4-2, and 1.4-3
(SCC #1-03-006-03 for heat input >=0.3 & <10.0 mmBtu/hr)
Emission (tons/yr) = Throughput (MMCF/yr) x Emission Factor (lb/MMCF)/2,000 lb/ton